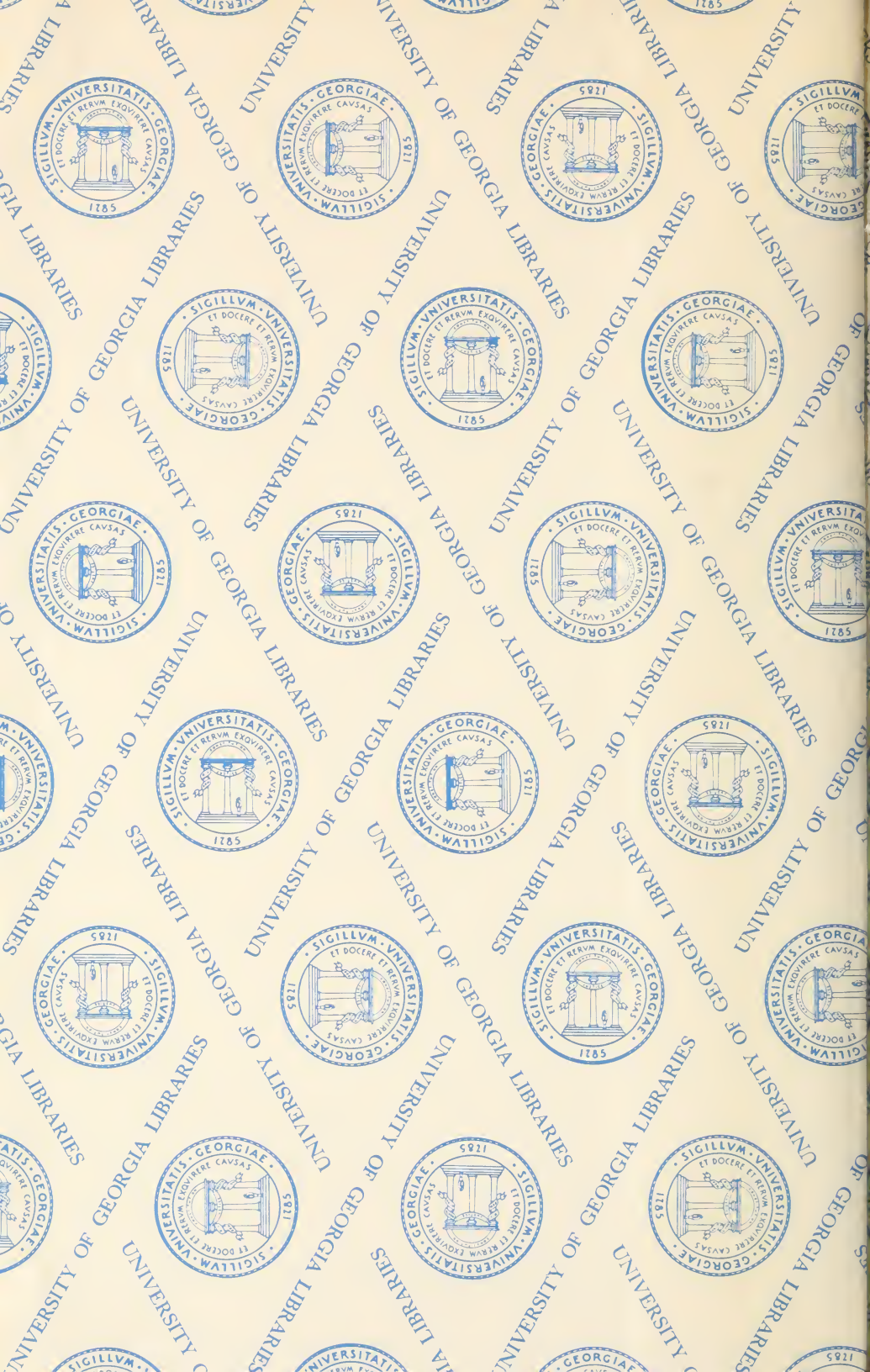






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BULLETIN

THE UNIVERSITY
OF GEORGIA

ATHENS

CALENDAR 1940-1941

FALL QUARTER

SEPTEMBER 20:	Freshmen report
SEPTEMBER 21-25:	Freshman week for orientation, registration, and placement tests
SEPTEMBER 23-25:	Registration for upperclassmen (9 to 1 and 2:30 to 5:30 each day except September 25—9 to 11:30)
SEPTEMBER 25:	Opening exercises for 140th session
SEPTEMBER 26:	Classes begin for all students
OCTOBER 30:	Honors Day
NOVEMBER 1:	Freshman reports due
NOVEMBER 21:	Thanksgiving holiday
DECEMBER 2-5:	Prescheduling for the Winter Quarter
DECEMBER 14:	Last day of Fall Quarter classes
DECEMBER 16-19:	Examinations for the Fall Quarter
DECEMBER 20:	Christmas vacation begins

WINTER QUARTER

JANUARY 2:	Registration for Winter Quarter
JANUARY 3:	Classes begin
JANUARY 13:	Last day for submission of subjects and outlines of theses by graduate students
FEBRUARY 8:	Freshman reports due
FEBRUARY 24-27:	Prescheduling for the Spring Quarter
MARCH 11:	Last day of Winter Quarter classes
MARCH 12-15:	Examinations for the Winter Quarter
MARCH 16-18:	Spring recess

SPRING QUARTER

MARCH 19:	Registration
MARCH 20:	Classes begin
MAY 12:	Last day on which theses may be approved
MAY 12-30:	Prescheduling of classes for the 1941-42 session
MAY 30:	Last day of classes
MAY 30-JUNE 1:	Commencement week-end
MAY 31:	Alumni Day
MAY 31:	Graduation Exercises, 7 p. m.
JUNE 1:	Baccalaureate Sermon
JUNE 2-5:	Examinations for Spring Quarter

SUMMER QUARTER, 1941

JUNE 11:	Registration for First Term
JUNE 12:	Classes begin
JULY 17-18:	Examinations for First Term
JULY 19:	Registration for Second Term
JULY 21:	Classes begin
AUGUST 21-22:	Examinations for Second Term
AUGUST 22:	Commencement exercises for Summer Quarter

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OF GEORGIA

ATHENS

Entered at the Post Office at Athens, Ga., as Second Class Matter, August 31, 1904,
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SERIAL NO. 773

This concise bulletin of The University of Georgia contains such material as will prove helpful to graduates of accredited high schools or prospective students and their parents. Complete information as to entrance requirements, to fees, living conditions, to organizations, to degree requirements, and brief summarized statements of the courses of study offered, together with the degree to which each leads, are given. It is believed that such a bulletin will prove more useful to prospective students and parents than a catalogue or special bulletin. It is sent out on request, for such help as it may give young men and women who are thinking of coming to the University. For further information, address the Registrar, The University of Georgia, Athens, Georgia.

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THE UNIVERSITY

HISTORY

Early in February, 1784, the Legislature of Georgia set aside 40,000 acres of land for "the endowment of a college or seminary of learning." Thus, five months after the signing of the treaty of peace granting Georgia her independence, The University of Georgia was born. The next year the Legislature granted a charter to the University, thereby giving this institution the distinction of being the first state university to be granted a charter.

Franklin College, the first unit of the University, actually opened its classes to the young men of the state in August, 1801. Since that date the record of The University of Georgia has consistently been an integral part of the social and political history of this State.

Though it has admitted young women to its classes only during the past 20 years of its long history, the University has already established itself as one of the largest and finest women's colleges in the Southeast.

ORGANIZATION

The University is made up of the following schools and colleges:

- The College of Arts and Sciences
- School of Law
- College of Agriculture
- School of Pharmacy
- Peabody College of Education
- School of Commerce
- Henry W. Grady School of Journalism
- School of Home Economics
- George Foster Peabody School of Forestry
- The Graduate School

CAMPUSES

CAMPUS I: Three distinct campuses are maintained by the University.

The old campus, often spoken of as Franklin College Campus, is located in the heart of Athens. Among the old buildings on this campus of historic interest but still in good repair and in use are: Old College, the University's first building; the historic 108-year-old Chapel; and the Academic Building, one wing of which dates back to 1831.

Among the newer buildings are Harold Hirsch Hall, the beautiful home of the School of Law; the imposing Commerce-Journalism Building; the new LeConte Hall, the home of the biological science departments; and the new Language-Literature Building, and the new Auditorium and Fine Arts Building. The old Moore Building has been recently remodeled for the use of the Physics Department and the upper floors of the old New College Dormitory have been remodeled for the School of Pharmacy. Joseph E. Brown Hall and Clark Howell Hall are modern new dormitories for men. Milledge Hall has been recently completed according to the original plan and an annex added, tripling its capacity. In addition to the above there are more than twenty other classroom and dormitory structures on this campus.

The College of Arts and Sciences, the College of Education, and the Schools of Law, Pharmacy, Commerce and Journalism are located on this main campus. Recently a new and modernly designed Demonstration School Building for the College of Education has been completed.

CAMPUS II: The campus of the College of Agriculture contains 140 acres. A number of well designed buildings are on this campus, the newest of which is a Dairy Husbandry Building ready for use in September, 1940. The School of Home Economics is located on part of the old College of Agriculture campus. Dawson Hall is a modern classroom and laboratory building, designed for home economics work. In course of construction and ready for use in September, 1940 are a new dining hall for women, four new home management houses and a nursery school building.

Here is found also a modern physical education building for women and three dormitories for girls. Two of these dormitories, Mary Lyndon Hall and a close duplicate, as yet unnamed, are new. The School of Forestry building, recently erected, is a modern forestry building. In close proximity to this campus are tracts embracing more than 3,000 acres of land which are used by the various departments of the College of Agriculture and School of Forestry.

CAMPUS III: Located some distance from these campuses is the 60-acre Coordinate College campus, where freshman and sophomore women reside and have all their classes.

This campus, made up of ten buildings, including dormitories, classrooms, a dining hall, and a special library, enables the University to offer the young woman student many advantages during the first two years of her college life and all of the University privileges.

THE COLLEGE YEAR

The College year is divided into four quarters—Fall, Winter, Spring, and Summer. Each quarter, complete in itself, extends approximately eleven weeks. The traditional college year from September to June consists of Fall, Winter, and Spring Quarters. Many students, however, shorten the time required for graduation by attending both the regular session and the Summer Quarter.

THE SUMMER QUARTER

The Summer Quarter is divided into two distinct terms. The first term of the Summer Quarter continues for six weeks with special courses for teachers, and the second term for five weeks. The Summer Quarter has an expanded curriculum, and other special features to meet the wider demands made upon it by the teachers and others.

Bulletins of the Summer School are published in March each year.

CORRESPONDENCE AND EXTENSION

Correspondence or extension work done under the auspices of the University System of Georgia Extension Division or other approved institutions can be credited to a maximum extent of one-fourth the degree requirements (49 hours.)

In general students in residence are not allowed to do correspondence or extension work while registered as a student during any of the four quarters. This also applies to the interval between any two successive quarters except that between the Summer and Fall Quarters. Where in special cases correspondence work is allowed, all the regulations concerning extra loads of work apply.

PUBLICATIONS OF THE UNIVERSITY

Bulletin of The University of Georgia. Under this general title the University issues a monthly publication, which is sent to regular mailing lists or may be had upon application to the University.

This includes the register, the General Catalogue of the University, announcements of the Summer Quarter, the special announcements of the various schools and colleges, the Graduate Schools, and several numbers of a scientific and literary nature.

The Alumni Record, issued monthly by the Alumni Society.

Bulletins of Farmers Institutes.

College of Education News Letter.

Progress Report. Monthly Report for Georgia National Egg Laying Contest.

Institute for Study of Georgia Problems publications.

DIVISIONS OF THE UNIVERSITY

THE JUNIOR DIVISION

The Junior Division consists of the freshman and sophomore years. The Junior Division program of study for all degrees is designed to give the student a broad general education such that, if he cannot pursue his education beyond the Junior Division, he will have the mental equipment to become a useful and intelligent citizen, and such that, if he does continue his studies into the Senior Division as a candidate for a liberal arts or professional degree, he will have sufficient basic training to pursue these studies with profit. This is especially true for the programs offered in the general degrees in the College of Arts and Sciences and its affiliated schools.

The Junior Division is under the general supervision of the President and the Dean of Administration. The details of administration for men students are largely handled by the Dean of Administration, assisted by the Dean of Men; and those for women students are handled by the Dean of the Co-ordinate College and the Dean of Women.

THE SENIOR DIVISION

The Senior Division consists of the junior and senior years. Senior Division courses of study are designed for more mature students than Junior Division courses and are in general more difficult, throwing the student more upon his own resources.

A student is admitted to the Senior Division without condition when he has successfully completed the Junior Division requirements for some degree, all of which include 96 hours of academic work, 10 hours in Military Science for men or 10 hours Physical Education for women. Quality points (see page 77) to the extent of 96 are required for admission to the Senior Division.

The work of the Junior Division is, in general, designed to round out the student's general education, while the work of the Senior Division is largely concentrated on a comparatively narrow range of subjects.

On registering in the Senior Division as a candidate for any degree each student must select a major subject. The work required in this major subject varies with the degree chosen (see degree requirements) but in general constitutes the heart of the Senior Division program. At least half of the courses in a student's major, both as to division and subject, must be completed in residence at Athens.

Upon registering in the Senior Division each student must present in writing a program of courses for the entire work of the Senior

Division. This program must be approved in writing by the professor in charge of his major and the dean or director of his college or school. This program must be filed in the office of the Registrar and cannot be changed unless by written consent of the major professor and dean or director of the student's college or school.

The University offers the following undergraduate degrees:

- Bachelor of Arts
- Bachelor of Fine Arts
- Bachelor of Science
- Bachelor of Science in Chemistry
- Bachelor of Arts in Journalism
- Bachelor of Science in Commerce
- Bachelor of Science in Pharmacy
- Bachelor of Science in Agriculture
- Bachelor of Science in Agricultural Engineering
- Bachelor of Science in Forestry
- Bachelor of Science in Home Economics
- Bachelor of Science in Education
- Bachelor of Science in Physical Education
- Bachelor of Laws

THE GRADUATE SCHOOL

The Graduate School is administered by the Dean and the Graduate Council appointed annually by the President of the University. The Dean is Chairman of the Council.

Admission to the Graduate School may be granted to graduates of institutions whose requirements for the bachelor's degree are substantially equivalent to those of The University of Georgia, and to applicants from other institutions approved by the Faculty.

Admission to the Graduate School does not necessarily imply admission to candidacy for a degree. A mere accumulation of credits is not sufficient.

Application blanks for admission may be secured from the Dean of the Graduate School or the Registrar. Every applicant must submit with his application an official transcript of his college record.

The following degrees are offered in the Graduate School:

- Master of Arts
- Master of Science
- Master of Science in Agriculture
- Master of Science in Agricultural Engineering
- Master of Science in Forestry
- Master of Science in Commerce
- Master of Science in Home Economics

Master of Education
Master of Science in Chemistry
Master of Science in Education
Doctor of Education
Doctor of Philosophy

For further information write for the special bulletin of the Graduate School.

SOCIAL WORK

The University offers in its Graduate School a program of courses for basic training in social work. For details of these courses consult the graduate bulletin.

Undergraduate students contemplating a program of social work after graduation should have a broad background of courses in the social sciences as outlined in the graduate bulletin announcement.

PUBLIC ADMINISTRATION

Beginning with the Fall quarter of 1940-41 the University will offer a course in Public Administration designed to prepare students for positions in government service. The new course will be a joint enterprise of the School of Commerce, the Department of History and Political Science, and the Department of Social Work. The course will be administered by the School of Commerce and will take the form of an additional group available to Senior College students registered for the degree of Bachelor of Science in Commerce. Students registered for the A. B. degree and majoring in Political Science will also have access to the course.

The fundamental background courses in the new work will be provided by the Department of History and Political Science. The technical courses will be chosen from the curriculum of the School of Commerce. The Executive Committee of the University has authorized two new courses in Public Administration to be offered in the School of Commerce. The Department of Social Work will co-operate by offering a new course called Introduction to Welfare Administration.

Required courses, listed under the Public Administration group in the School of Commerce concentration divisions, make up only about 50 per cent of the total number of courses ordinarily taken by Senior College students. It is the intention to round out the curriculum in Public Administration by advising students to register for additional appropriate courses in History, Sociology, Psychology, and Education.

The course in Public Administration as arranged is an instance of the cooperation among the schools and departments of the Uni-

versity which is becoming more and more characteristic of the University. It is realized that to be adequately trained for public service, students need contacts with all the disciplines commonly grouped as Social Sciences, and the University authorities intend in this new offering to bring about effective cooperation among the Social Sciences for this purpose.

STUDENT GUIDANCE AND PLACEMENT

PERSONNEL OFFICE

This office seeks to bring to bear on the individual student while in college all of those influences which tend to develop him morally, physically, and intellectually.

In its loan activities the office administers the various University student loan funds, with the exception of the Dawson Fund for College of Agriculture students.

Under its placement activities the office attempts to place University students and graduates, including teachers, in the best positions which can be located for which they are qualified. Complete records are kept of the qualifications of all who file their names for this service. Contacts are maintained as far as practicable with prospective employers and sources of employment. The University has an excellent record on the placement of its graduates.

The Personnel Office also assists students and graduates who are interested in camping to locate jobs as counsellors and assistants in summer camps. This service is particularly attractive to teachers whose schools do not have a summer session. Students and graduates should contact the Camp Placement Bureau by February 1 if they are interested in camp work for the following summer.

STUDENT COUNSELORS

A number of members of the Faculty, both men and women, who have an especial interest in students and their problems are trained and prepared to act as confidential counselors to help students to adjust themselves to the many personal problems involved in college life; also to act as advisers in matters of taking up and dropping programs and courses. Students are not forced to consult these counselors but will usually benefit by maintaining contact with a Faculty counselor from the beginning of their college careers. The counseling program is administered by the Personnel Officer, and students who wish a conference with a counselor can obtain the names of the counselors from the Personnel Officer, who will help the student make an engagement for a conference.

In addition to these Faculty counselors the Dean of Men and the Dean of Women, who are primarily responsible for student morale, are ready at all times to consult with students with reference to their problems.

THE TESTING BUREAU

More recently there has been organized in cooperation with the Personnel Office a Testing Bureau for students of the University. Through this bureau tests and examinations are offered students for the purpose of determining intellectual abilities, special aptitudes, personality traits, etc., in relation to the personnel work of the University. No attempt will be made to decide for a student what profession he should enter; he will be given information from the results of testing to help him make a wise choice. Arrangements for these examinations will be made through the personnel office.

WOMEN AT THE UNIVERSITY

THE CO-ORDINATE COLLEGE FOR WOMEN

The instruction of undergraduate women through the Junior Division (freshman and sophomore years) is offered in the Co-ordinate College for women of The University of Georgia. Freshman and sophomore students are required to live on this campus unless permitted to live with close relatives in town or in approved sorority houses. Women in the Coordinate College are taught by the regular University faculty. They have their own library facilities and likewise have the use of the University library. For some of the science laboratory work they have their own laboratories and for other work they use the laboratories on the main campus. They have their own recreational and social facilities. In addition they have the privilege of all social and cultural elements of university life. They have the advantage of all extra-curricular activities, glee clubs, dramatic clubs, sports, sororities and other similar organizations.

The affairs of the Coordinate College are administered by a Dean resident on the campus.

THE SENIOR DIVISION FOR WOMEN

Instruction for the Senior Division (i. e. juniors and seniors) and graduate women is on a co-educational basis and given on the main campus. Physical education and home economics courses are largely given on the Agricultural College unit of the main campus while the

other courses are on the old Franklin College unit. Living facilities are described later.

All dormitories, sorority houses and women's activities (including the Co-ordinate College) are under the personal supervision of the University Dean of Women. Student conduct and discipline are regulated by the Student Government Association through its Council in conjunction with the Dean of Women and the Administrative Deans. Each woman student upon registering becomes a member of this Association, and is expected to attend the meetings and vote in its elections.

UNIVERSITY HEALTH SERVICE AND CRAWFORD W. LONG INFIRMARY

The Infirmary is under the supervision of the University Physician, and is provided with experienced nurses. The health service extends from the official opening to the official closing of each quarter. The daily service extends from 8 a. m. to 8 p. m. If the University Physician should be absent during these hours the nurse in charge will render the necessary first aid and, if necessary, will call the University Physician. Should a student consult another physician he will do so at his own expense. Under no circumstances will the University be responsible for such consultation.

The health service functions primarily in guarding against infectious disease and remedial incipient ill health. It now includes vaccination against smallpox, which is required on entrance to the University, unless the prospective student has the scar of successful vaccination; typhoid inoculation, which is elective; a physical examination upon entrance, with advice to student and parent about any physical defect that may be found. In addition an effort is made to keep up with the physical condition of the student during the entire period of his college life.

REGULATIONS

Students in need of medical attention are expected to report to the Infirmary for treatment. Whenever a student is seriously ill the parents are notified. If an operation is necessary the parents are consulted by telephone or wire by the Dean of Administration or the University Physician before any procedures are instituted. If it is necessary to send a student to a hospital, this expense must be borne by the student or parent.

A hospitalization fee of \$1.50 per day is charged for each day a student is confined to the Infirmary. No charge is made for consultation service when a student sees the University Physician at

the Infirmary. When the Physician visits a student at a dormitory or rooming house, a fee of \$2.00 is charged.

Only those students who pay the full registration fees are entitled to the benefits of the Health Service.

After absence from class due to illness a student is not re-admitted without a clearance certificate obtained from the University Physician. This certificate is issued only to those students who have been under observation of the Health Service. Those students who receive care at home or afield from the campus, must, to secure a certificate, report for approval to the Health Service on the first day of the absence. In this manner a record of all student sickness is used as a guide for health supervision.

MEDICAL EXAMINATIONS

All students registering in the University must take the medical examination. This may be taken at any time as scheduled preceding registration in the fall. Upperclassmen must take the examination before registering. Students registering late may make an appointment to take this examination within a reasonable period. These examinations are free if taken during the registration days. For an examination at a later date a fee of \$5.00 may be charged.

All applicants must have been successfully vaccinated against smallpox or must be vaccinated before they register.

ADMISSION TO THE UNIVERSITY

METHODS OF ADMISSION

Applicants for admission to the University should be at least 16 years of age, of good moral character, and adequately prepared. Entrance may be obtained in four ways:

1. By presenting a certificate of graduation from an accredited high school with the recommendation of the principal.
2. By passing entrance examinations, provided the applicant has not been in an accredited high school the previous year.
3. By qualifying as a special student, provided the applicant has not been in an accredited high school the previous year.
4. By submitting a transcript of studies successfully pursued at another college or university.

I. ENTRANCE BY CERTIFICATE

Certificates for admission will be accepted from graduates of accredited secondary schools when made on official blanks and properly signed by the superintendent or principal. Academic requirements for the University's approval of these certificates are stated in terms of units, each representing a year's study of a subject in a standard secondary school. Acceptable grades are required in 15 units as follows:

ENTRANCE REQUIREMENTS

LIST 1—Required of All Applicants.

Group I.	English	3 units
Group II.	Social Studies (history, economics, civics, sociology)	2 units
Group III.	Mathematics (one unit must be in algebra or in a general mathematics course including algebra)	2 units
Group IV.	Science	1 unit
Total		8 units

LIST 2—Electives (to complete 15 units).

From the five academic groups (I English, II Social Studies, III Mathematics, IV Science, V Foreign Language).....	4 units
From the vocational and avocational groups (VI Agriculture, Home Economics, Commercial) or (VII Art, Music, Physical Education) or from any of the seven groups	3 or 4 units
Minimum for entrance	15 units

For required units for candidates for certain specific degrees see notes below:

ENGLISH NOTE: Any student who shows that his high school preparation in English Composition is inadequate may be required to take a non-credit course. This applies to all degrees.

NOTE AS TO MATHEMATICS: It is recommended that the units in Mathematics include at least one in algebra and one in plane geometry. For certain degrees requiring work in trigonometry or analytical geometry, such as Bachelor of Science, Bachelor of Science in Chemistry, Bachelor of Science in Agricultural Engineering, and other degrees for those who major interest is in mathematics, physics, or chemistry, one unit of plane geometry is essential.

NOTE AS TO FOREIGN LANGUAGE: While foreign language is not an absolute entrance requirement for any degree course in the University, it is recommended and expected that a minimum of two units be presented by those who would be candidates for degrees in the College of Arts and Sciences, the School of Journalism, the School of Commerce, the School of Pharmacy, the School of Law, the pre-medical course. For the Bachelor of Arts degree at least two units in Latin should be presented for entrance.

Students entering with no units in foreign language or with only one unit will find it necessary to take an extra number of foreign language courses in College for those degrees in which foreign language is a requirement.

Students who show two units a foreign language on their high school transcript cannot take the first two beginning courses in that language for college credit.

GENERAL REGULATIONS: Certificates will not be accepted for less than one year's attendance in the school issuing the certificate. Students entering from an accredited senior high school must present twelve acceptable units and three additional units from the last year of the junior high school. Transcripts from accredited senior high schools must show fifteen acceptable units as enumerated above. The University reserves the right to reject any applicant whose low record indicates that he is not prepared to do successful college work, even though he meets the entrance requirements cited above.

The certificate should be mailed directly to The University of Georgia, care of the Registrar, by the school official authorized to send it. All subjects not certified should be crossed out.

ACCREDITED HIGH SCHOOLS

The University recognizes all four-year public high schools and all private secondary schools which are fully accredited by the High School Commission of Georgia. Entrance credits will also be accepted on certificate from the following sources: (a) from schools accredited by the Southern Association of Colleges and Secondary Schools, (b) from schools accredited by the North Central Association of Colleges and Secondary Schools, (c) from schools approved by the New England College Entrance Certificate Board, (d) from high schools registered by the Regents of the University of the State of New York, and (e) from schools accredited by other regional associations of Colleges and Secondary Schools.

2. ADMISSION BY EXAMINATION

Applicants for admission who do not present satisfactory certificates from secondary schools may be admitted to the University by passing entrance examinations.

Examinations are held at the University in June and September of each year.

The scope of these examinations will depend upon the previous preparation of the applicants. Students desiring to be examined for entrance to the University should send to the Registrar an outline of their academic training and experience. The Registrar will notify the applicant of the fields of knowledge which the entrance examination will embrace.

3. ADMISSION AS A SPECIAL STUDENT

Applicants for admission, not candidates for a degree, who have not had the opportunity to complete a satisfactory high school course, but who, by reason of special preparation and attainments, may be qualified to take certain courses, may enter as special students.

The purpose of this provision for special students is to enable young men and women (a) who are beyond the school age and (b) who have had practical experience to secure training along special special lines when they are properly prepared for the work.

It is specifically emphasized that mere attainment of any given age does not constitute adequate preparation for admission as a special student, but no person under twenty-one years of age will be admitted to this status.

Graduates of an accredited high school are not admitted as special students. In general, a student failing to graduate from a high

school will not be admitted to the University, if he has been in attendance in the high school during the previous year.

Special students are not eligible to take part in student activities or to be initiated into a fraternity or sorority.

The University has no special courses as such; all courses are organized for regular students—students who have had the equivalent of a good high school education. Special students are admitted to those regular courses for which, in the judgment of the instructor, they have satisfactory preparation. Such students may be admitted under the following conditions: (a) they will not be admitted to subjects for which entrance examinations are required, unless they pass such examinations; (b) they must give evidence of adequate preparation for the courses sought to the individual professor in charge; (c) they must submit in advance to the Registrar all available certified records for previous school work and an application for admission showing (1) the kind of work desired, (2) the reasons for desiring such work, and (3) if no credits can be presented, a detailed statement of any previous educational work and practical experience, with a list of subjects in which the candidate is prepared to take entrance examinations.

Special blanks for this information are provided by the Registrar.

Should a special student subsequently become a candidate for a degree, he will be required to satisfy the full fifteen units of entrance requirements, at least one year before the time he proposes to graduate.

IRREGULAR STUDENTS

The general policy of the University is not to allow students who can meet the entrance requirements (especially those under 21 years of age) to take irregular programs of work. In particular the University does not offer two-year terminal programs in vocational or professional work; all curricula are organized on a four-year basis. However, the first two years of all curricula are designed, so far as practicable, to give the student who drops out after two years' work an educational program of value.

4. ADMISSION TO ADVANCED STANDING

Two groups of students may be admitted to advanced standing in the University: (1) students transferring from accredited colleges and universities who have pursued college courses equivalent to those of The University of Georgia, and (2) graduates of accredited institutions who wish to pursue graduate study at the University. Requirements for these groups follow:

TRANSER STUDENTS

Any student entering from another college or university must present an official transcript adopted by the Georgia colleges, or its equivalent, showing in detail entrance units, college work already accomplished, and honorable dismissal. The official transcript should be accompanied by a current catalogue describing the courses for which credit is sought. No transcript will be finally accepted, except after verification by the issuing institution, other than those coming directly from the institution.

Advanced students must in general enter the University not later than the beginning of the senior year. In determining their position in the University, however, the value of the work done in another college, as well as the work offered for entrance at that college, will be measured by University standards.

Upon request, the Registrar will send information concerning the conditions under which transfer credits can be accepted from the colleges in Georgia.

As a rule, students entering from institutions not members of the Southern Association of Colleges, or other regional associations of equal standing, cannot expect to transfer on transcript more than 106 quarter-hours towards the 196 quarter-hours required for a degree.

Advanced standing is granted by examination, unless the applicant is from an approved institution.

The number of credits transferred from another institution cannot exceed the normal number of credits allowed at the University for the same period of time. Not more than one-fourth of the transferred credits can be in the lowest group passing grade at the institution from which transferred.

A student who has been dropped from another institution for delinquency in studies will be admitted in the University only after a careful investigation of the record. In general he cannot be admitted before the time the institution from which he was dropped will readmit him.

All courses taken in schools or colleges of pharmacy holding membership in The American Association of Colleges of Pharmacy which parallel our courses will be accepted for full credit.

It is possible for students to complete one year of work in a recognized Junior College and be admitted to the sophomore class of the School of Pharmacy. The same applies to students who transfer from other schools in the University. It has been our experience, however, that it is preferable that a student spend the entire four

years in the School of Pharmacy, and have the advantage of its direction and guidance as to courses to be taken. Beginning in January, 1938, the member schools of the American Association of Colleges of Pharmacy require a student, regardless of his credits, to spend a minimum of three years in the School of Pharmacy.

Correspondence with reference to credits for advanced standing should be addressed to the Registrar.

EXEMPTIONS FROM DEGREE REQUIREMENTS FOR TRANSFER STUDENTS

The first two years of a majority of the University curricula include to a large degree survey courses in the Social Sciences, the Humanities, Mathematics, and the Natural Sciences instead of the subject matter courses in these fields offered in a great many colleges.

In the cases of students who transfer from standard colleges without these survey courses, provisions are made for a substitution of specific subject matter courses in the general fields of the surveys for the survey requirements.

Students who transfer to the University with Junior standing are exempt from the requirement of Military Science 1-2 and Physical Education 1-2 (for women).

In general, the Senior Division curricula are arranged so that a student who has completed the freshman and sophomore years at a standard institution with proper quality points can complete the degree requirements for all except the very technical degrees in two years (six quarters).

In some degrees certain modifications are made in required courses for transfer students. For these modifications see degree requirements.

SUBSTITUTIONS FOR THE SURVEY COURSES

Students who have reached Senior Division standing will not, in general, be required to register for the survey courses: Social Science 1 a-b-c, Humanities 1 a-b-c, Human Biology 1-2, and Physical Science 1-2. For a student who reaches Senior Division standing without having received credit for required survey courses, substitutions will be made of courses carrying equal credit in the same general field; substitutions for Social Science 1 a-b-c must be from geography, economics, history, political science, philosophy, sociology; substitutions for Humanities 1 a-b-c must be from English literature or the fine arts; substitutions for Human Biology 1-2 must be from botany or zoology; substitutions for Physical Science 1-2 must be

from astronomy, chemistry, geology, physics. However, students who transfer credit in laboratory science of at least 20 hours will be exempt from Human Biology 1-2 and Physical Science 1-2.

MINIMUM RESIDENCE REQUIREMENTS

AS TO TIME—Three quarters work in The University of Georgia in Athens, except that for teachers of experience and maturity the residence requirement may be satisfied by a minimum of twenty-seven weeks.

AS TO CREDITS EARNED—A minimum of Senior Division courses carrying credit for 45 quarter-hours must be completed in residence, and, unless otherwise allowed by the University authorities, they must be the last 45 hours taken before graduation. In some cases this requirement is met if the minimum of 45 hours in residence is among the last 65 hours required for graduation.

At least one-half of the hours required in the major concentration subject and in the major division must be completed in Senior Division residence courses.

In some cases students who have been in residence nine quarters and have completed at least three-fourths of their degree requirements with quality point average in residence are allowed to take the remainder of their program at other approved institutions with the approval in advance of the Dean of Administration.

ADMISSION TO THE GRADUATE SCHOOL

Graduates of institutions accredited by the University may be admitted to the Graduate School upon the presentation of a certificate of graduation and an official transcript of all courses already taken. The status of the institution is to be ascertained from the Registrar. Graduates from non-accredited institutions are advised to secure a bachelor's degree from an accredited institution. However, in particular cases they may be admitted to the Graduate School on the basis of additional work before admission to full graduate standing.

Admission to the Graduate School does not necessarily imply admission to candidacy for a degree. A student is not admitted to candidacy for a graduate degree until he has fulfilled all the prerequisites of the degree which he seeks and of the particular courses which constitute his program.

Should a student desire to take a course for which his undergraduate work has not offered sufficient preparation, he will be required to pursue the requisite studies as determined by the individual professor of the course.

Graduate students before coming to the University must furnish a certificate of graduation to be filed with the Registrar and an official transcript for the inspection of the Dean and their major professors.

A student who is doubtful as to his eligibility for admission to the Graduate School should correspond with the Dean of the Graduate School before coming to Athens.

ADMISSION TO THE SCHOOL OF LAW

An applicant for admission to the School of Law as a candidate for the degree of Bachelor of Laws must present satisfactory evidence of the fact that he is a graduate of a college of approved standing or that he has satisfactorily completed at least two years of regular residence work at such college, constituting not less than one-half of the work acceptable for a Bachelor's degree granted on the basis of a four-year period of study. Courses in military science or physical education and courses without intellectual content of substantial value will not be considered by the School of Law in determining whether the applicant has completed one-half of the work required for a Bachelor's degree.

The School of Law admits both men and women students as candidates for degrees.

PRE-LAW

While the University has no prescribed pre-law course, all students intending to enter the School of Law later are requested to indicate this at the time of registration by the notation "pre-law." All students entering the Law School from the University are required to complete the Junior Division requirements for one of the University degrees. As electives the following are recommended: General Economics (Economics 5 or Economics 55 a-b-c), History of England (History 4), American Government (History 1), Elementary Psychology (Psychology 1), and Speech 50.

SIX-YEAR COMBINED CURRICULA

There are combined courses of Arts and Law, Sciences and Law and Commerce and Law leading to the degrees of Bachelor of Arts (see page 88), Bachelor of Sciences (see page 91) and Bachelor of Science in Commerce (see page 112) and Bachelor of Laws, so that both undergraduate and law degrees may be obtained in six years.

REGISTRATION INFORMATION

PERMIT TO REGISTER. Before a student may be admitted to registration he must secure from the Registrar a permit that he is qualified to register in the University.

A former student not in good standing because of unsatisfactory work or for other reasons, may not register except upon the permission of the Dean of Administration.

No woman student may register unless approved by the Dean of Women.

PROCEDURE OF REGISTRATION

Instructions for registration will be issued to each registrant in Academic Building at the time of registration. Failure to follow the procedure for registration will result in confusion and delay, and may cause the student to pay the late registration fee. A student is not registered until his fees are paid.

SCHEDULE OF STUDIES

At the time of registration the student receives a slip showing his schedule of studies for the quarter. A duplicate of this schedule properly filled out and approved, for Junior Division students by the proper registration officer and for Senior Division students by the professor in charge of the major subject and the Dean of the college, must be filed with the Registrar at the time of registration. A student will not receive credit for any work for which he has not been properly registered.

Students who are in residence at the University during the Spring Quarter must present their schedules of studies and courses for the following year on or before the day announced by the Faculty. Students who fail to comply with this regulation will be assessed a fine of \$3.00.

ENROLLMENT IN CLASSES

Notice from the Registrar that a student has registered for a certain class at a certain hour is the only authority for his admission to the class by an instructor. Changes in the student's assignment cannot be made by the instructor. No change can be authorized except by the Dean of Administration and notice of such changes must go from the Registrar to the instructor.

FRESHMAN WEEK

Freshman Week is devoted to efforts to help freshmen get a right start. It facilitates the process of adjustment which freshmen must pass through; it helps them to understand why they are in college, and it brings them immediately in contact with their advisers. The University, therefore, requires freshmen to report for a part of the week before classes begin.

REQUIRED ATTENDANCE

Attendance from September 20 to 25 is a requirement.

During this particular period, known as Freshman Week, the student will:

- (a) Make his plans for rooming and boarding.
- (b) Take a medical examination.
- (c) Complete his registration and payment of fees.
- (d) Receive his schedule of classes.
- (e) Take such tests as may be required. These tests include comprehensive examinations in the fields of social science, English, mathematics and natural science and are used for guidance purposes, exemption from certain courses and placement in class sections.
- (f) Get acquainted with the campus, buildings, recitation rooms, library, and other points of interest.
- (g) Attend lectures by members of the Faculty, designated to acquaint him with requirements, and special lectures on student traditions.
- (h) Attend social gatherings in the evenings arranged by the University Voluntary Religious Association.

All freshmen are required to be present at all appointments comprising the program of Freshman Week. Physical examinations and other preliminaries to registration begin Friday, September 20, at 9:00 a. m. The first assembly for freshmen is held September 20 at 8:00 p. m. in the University Chapel. All freshmen must have reported to the Dean of Men before this time and attend this meeting.

Administrative officers, Faculty, specially selected upperclassmen, the Director and members of the Voluntary Religious Association, all co-operate to make Freshman Week attractive, instructive, and beneficial to entering students.

PLACEMENT TESTS

During Freshman Week all freshmen will be required to take general tests in English, history, science, and information of the administration in its counselling service and for placement in class sections. At the end of the sophomore year before a student enters the Senior Division other tests in the same fields will be given to

show the student's progress. Make-up tests will be given during the quarter for all students who have failed for any reason to take the first test. Any student without a satisfactory excuse for not having taken the first test will be charged a special fee of \$1.00 for the make-up test.

FEES AND EXPENSES

All fees, deposits, room rent and board must be paid in advance at the beginning of each quarter. Until this has been done, the student will not be considered as regularly matriculated, and cards entitling him to admission to classes will not be issued.

Matriculation fees, room and board may be paid by check in exact amounts. Money orders, express or travelers' checks should be carried for emergency purposes, as these are easily cashed. It would be advisable for students to bring their money in this form and deposit it in a local bank. Students should come prepared to pay fees and other expenses on the day they register. Payment of fees will not be accepted prior to registration dates and a student must appear in person to register. *Registration will not be completed until expenses have been paid.*

A service fee of \$2.00 will be collected from all students who, in any quarter for any reason, complete registration after the official registration days.

All rates, including matriculation fees, room, and board, are subject to revision at the end of any quarter.

Cost of an education is determined somewhat by the student's personal expense including room, board, laundry, clothing, transportation, amusements, and varied incidental expenditures. Laboratory fees vary according to courses.

The following tables will give an approximation of the "fixed" expenses for a resident of Georgia.

ESTIMATED EXPENSES

(MEN)

	Low	High
Tuition	\$142.50	\$142.50
Fees—		
Laboratory	7.50	22.50
Breakage deposit	15.00	30.00
Military	10.00 ¹	25.00 ²
Books	30.00	45.00
Total	\$345.00	\$505.00

¹ Freshman and Sophomore fee.

² Junior and Senior fee.

(WOMEN)		
(Freshmen and Sophomores)		
	Low	High
Tuition, room, board, laundry	\$370.50	\$370.50
Fees—		
Laboratory	7.50	22.50
Breakage deposit	15.00	30.00
Books	30.00	45.00
Total	\$423.00	\$468.00
(Juniors and Seniors)		
	Low	High
Tuition	\$142.50	\$142.50
Room, board and laundry	277.50	277.50
Fees—		
Laboratory	7.50	22.50
Breakage deposit	15.00	30.00
Books	30.00	45.00
.....	\$472.50	\$517.50

RESIDENT STUDENTS

All students in the University (other than in the Law School and the Co-ordinate College under conditions explained later), residents of Georgia, pay, each quarter in advance, a matriculation fee of \$47.50. All students in the Law School pay each quarter in advance, a matriculation fee of \$60.00. All women students residing on the Co-ordinate College campus, pay, each quarter in advance, a fee of \$123.50, which includes room, board, matriculation fee and laundry. All students attending the Co-ordinate College who are not residing on the campus, pay, each quarter in advance, a matriculation fee of \$47.50.

NON-RESIDENT FEES

All students not legal residents of the State of Georgia are required to pay \$132.00 per year in addition to the regular fees charged resident students. This non-resident fee may be apportioned equally among the three quarters of the academic year.

If there is any possible question of a student's right to legal residence, he should bring the matter to the attention of the Registrar who should pass upon the question before registration and payment of fees. Any intentional evasion of the above regulation shall subject the student to a dismissal or other disciplinary action.

No person shall be considered eligible to register in the University as a legal resident of the State of Georgia unless he or she has been

a bona fide resident in the State for twelve months preceding the date of his or her original matriculation. A non-resident student, who is 21 years of age or more may become a resident student, after attending the University for one year, or more, after having attained the age of 21 years, by clearly establishing that his previous residence has been abandoned and a new one established in Georgia for purposes other than attending the University. *The place of a student's legal residence or of his bona fide intention to be a resident of the State of Georgia may be established by a satisfactory statement under oath before the Registrar.*

Minors, whose legal residence follows that of parents or guardians, shall not be considered to have gained the status of resident students until twelve months after the parent or guardian has established his or her residence in Georgia, nor shall the appointment of a resident guardian give a non-resident minor the status of a resident student until twelve months after both the appointment and the ward's presence in the State of Georgia.

Minors, whose parents or guardians have abandoned their residence in the State of Georgia, shall lose their status as resident students at the end of the academic year following such abandonment.

OTHER FEES

LABORATORY FEES. Students working in laboratories pay fees varying from \$1.00 to \$7.50 each quarter in advance to cover materials, apparatus, breakage, and damages.

EXTRA COURSE FEES. A service fee of \$2.00 per quarter-hour credit is charged for all credit hours taken in excess of 18 hours per quarter. A student taking courses of 21 hours credit would pay \$6.00 per quarter in addition to the regular matriculation fee.

MILITARY FEES. A deposit of \$12.50 to cover partial cost of uniform and textbook is required of Junior Division men students upon registration. Upon completion of the double course, when the University has received reimbursement from the Federal Government, the above deposit, less deductions for any lost equipment, cost of textbook and maintenance, is returned to the student, the uniform remaining the property of the University. Students who drop Military Science before having completed the basic course are required to return the uniform and are not refunded the \$12.50. A deposit of \$25.00 to cover cost of special uniform, text, etc., is required of all Senior Division students registering for their first year in the advanced course. All students enrolled in the R. O. T. C. Advanced Course receive a clothing allowance of \$29.00 for the first year and \$7.00 for the second year; commutation of subsistence at the rate of 25

cents per day for the entire period of enrollment with the exception of the six weeks at camp. One camp of six weeks is required at the end of the junior year, Advanced Course. All expenses to and from camp are paid. While at camp students are furnished meals free of cost and receive in addition thereto pay at the rate of 70 cents per day. Students satisfactorily completing the advanced course are offered commissions as second lieutenants in the Officers Reserve Corps. Students taking the course without commutation may, by attending either an R. O. T. C. or C. M. T. Camp, obtain commission in the Officers Reserve Corps.

SPECIAL FEES

RE-REGISTRATION FEE. When checks given for payment of money due the University are not paid on presentation at bank, and if a student does not meet his financial obligations on dates specified by the Treasurer, registration will be cancelled and receipt given considered null and void. A penalty of \$3.00 will be charged for re-registration.

TRANSCRIPT FEE. Each student who has discharged all his financial obligations to the University shall be entitled to receive on request, without charge, one transcript of his record, but a charge of \$1.00 is made for each additional transcript.

DIPLOMA FEE. The diploma fee is \$5.00.

SPECIAL EXAMINATION FEE. For any special examination a fee of \$2.00 may be charged. Special examinations will be granted in exceptional cases only and by authority of the Dean of Administration.

FEE REFUNDS

Students withdrawing from the University within ten days of the date on which they paid their fees and registered are entitled to a refund of the amount assessed, less \$5.00. Laboratory breakage deposits and military deposits are refunded in such amounts as the heads of the respective departments may indicate. Students withdrawing after ten days and before the beginning of the second term of each quarter will receive one-half of the fund assessed, less \$5.00; students withdrawing later than that date will not be refunded any part of their fees, except in case of illness certified to by the University Physician.

No refunds of any nature will be made except at the end of a quarter.

ROOM AND BOARD REFUNDS

Students withdrawing from the University will be charged a daily rate for room and board to the date of withdrawal. The remainder of their payments will be refunded at the end of the quarter.

Payments on room and board will not be refunded to students moving to other lodgings during the quarter in which such payments are made, unless such removal is made upon the advice of the University Physician.

LIVING FACILITIES

DORMITORIES FOR WOMEN

The campus of the Co-ordinate College has the following dormitories:

BRADWELL HALL, GILMER HALL, MILLER HALL, WINNIE DAVIS MEMORIAL HALL, SENIOR HALL, and COBB HOME; and a dining hall sufficiently large to accommodate all the students rooming in the dormitories.

Each building is under the care of a house director, who acts in the capacity of mother for the girls in her care. These women are cultured, well-educated, and deeply interested in the welfare of the girls. They are chosen with the end in view of providing the finest and most sympathetic contacts for the girls and of insuring their personal and social well-being and happiness.

The dining hall is under the personal supervision of a trained and experienced dietitian, and the girls' needs are the subject of her constant concern. The remarkable health record of the girls who have been under her care testifies to her ability and success.

All students living in the Co-ordinate College dormitories eat in the Co-ordinate College dining room. If any student requires a special diet, on the specification of a physician, approved by the University Physician, the diet will be provided by the college at an added cost determined by the specific diet. No refunds will be made for meals taken off the campus.

SOULE HALL, MARY LYNDON HALL, THE NEW DORMITORY, and LUCY COBB are dormitories for Senior Division women. These dormitories are all excellently equipped, and offer as fine accommodations for women students as can be had in any college. A few rooms have private baths. These may be secured at slight additional cost. Students living in Soule Hall, Mary Lyndon Hall, and the New Dormitory have their meals in the new cafeteria, which is one of the most modern and perfectly appointed cafeterias in the South. Students living at Lucy Cobb have their meals in the historic dining room which has served so many of Georgia's notable women. The old

charm of this famous school is carefully maintained, and it is one of the most popular of all the dormitories for women.

All dormitory rooms are equipped with dressers, tables, chairs, single beds, mattresses, and shades. No curtains or rugs are provided. Students should bring the following articles:

Not less than two pairs of single bed sheets; two pairs of pillow cases; one pillow; blankets; comforts; two counterpanes; two dresser covers, approximately 18x40 inches; and any personal belongings desired for their own pleasure, such as colored curtains and rugs. Windows in almost all instances are standard, and the regular sized 2¼ yard curtains will suit windows in all instances except where a student is advised to the contrary when assigned to a room.

SORORITY HOUSES. A large number of sophomore, Senior Division and graduate school women live in houses operated by the various sororities under the general supervision of the Dean of Women.

DORMITORIES FOR MEN

There are five dormitories for men: OLD COLLEGE for juniors and seniors; JOSEPH E. BROWN, MILLEDGE HALL, CANDLER HALL, and CLARK HOWEL HALL for all classes. CAMP WILKINS, on the Agricultural College campus, is operated on a co-operative basis by students, and offers room and board at low rates.

Rooms in the dormitories are furnished with chairs, beds, tables and dressers. Students should bring linen for a single bed, blankets, towels, pillow, and such personal belongings as might be desired.

The dormitories and dining halls are in charge of the Superintendent of Dormitories and Dining Halls and a committee composed of Faculty members and students. The rules and regulations prescribed by this committee are enforced through proctors placed over each division of the dormitories.

DENMARK DINING HALL is under the immediate supervision of the Superintendent of Dormitories and Dining Halls. The food is well cooked, is efficiently served by student waiters, and is adequate as to quality and quantity.

PRIVATE BOARD AND LODGING FOR MEN

The charges for private rooms vary with the character of the furnishings. Men board at Denmark Dining Hall or the Agricultural College Cafeteria, or they can secure private table board. A number of families in the city offer board and lodging. The University cannot agree to engage rooms in private families. A list of

those desiring boarders or having rooms to rent will be given on application, but the student must make his own arrangements.

FRATERNITY HOUSES. A large number of men live in houses operated by the various fraternities under the general supervision of the Dean of Men.

ROOM AND BOARD

DORMITORIES AND DINING HALLS. Dormitory and dining hall fees for both men and women are payable quarterly in advance, unless otherwise noted. These rates are as follows:

WOMEN—

Co-ordinate College: Room, board and laundry are included with matriculation fee in the total amount of \$123.50 per quarter.

Dormitories for Senior Division: Students in the Senior Division pay \$92.50 per quarter for room, board and laundry. This does not include matriculation fee.

MEN—

Brown and Milledge Dormitories (Room and Laundry)

First quarter	\$36.00	
Second quarter	32.00	
Third quarter	32.00	
		\$100.00

Clark Howell Dormitory: (Room and Laundry)

First quarter	\$28.50	
Second quarter	24.75	
Third quarter	24.75	
		\$ 78.00

Old College and Candler Hall: (Room and Laundry)

	Two to Room	Three to Room
First quarter	\$24.00	\$21.00
Second quarter	22.00	19.50
Third quarter	22.00	19.50

Totals\$68.00 \$60.00

Camp Wilkins: (Room and Board)

	Room and Board Board	Only
First quarter	\$45.00	\$39.00
Second quarter	38.50	33.75
Third quarter	38.50	33.75

Totals\$122.00 \$106.50

Denmark Dining Hall: (Board Only)

Service in Denmark is cafeteria style. The average cost per month is approximately \$18.00. Meal tickets, on which a discount will be given, may be secured at the Treasurer's office.

All rates, including matriculation fees, room and board are subject to revision at the beginning of any quarter.

Since the dormitories and dining halls are operated under a system of fixed charges, moving from dormitories or dining halls cannot be permitted, except at the end of the quarter.

Applications for rooms in the girls' dormitories should be made to the Dean of Women. Application for boys' dormitories should be made to the Superintendent of Dormitories and Dining Halls. A reservation deposit of \$10.00 is necessary to reserve a room in any dormitory. This deposit will be refunded if requested on or before September 15. No reservation fee will be refunded after this date.

UNIVERSITY LAUNDRY

The University now operates a laundry for the service of its students. The quarterly charge made per dormitory room includes an allowance of approximately fifty cents per week for laundry. For this amount, which is about one-half the commercial rate, a student is entitled to have laundered weekly the following articles:

MEN—5 shirts, 6 pair sox, 3 undershirts, 3 shorts, 2 sheets, 1 pillow case, 6 handkerchiefs, 1 bath cloth, 5 towels, 1 pair pajamas.

WOMEN—2 sheets, 1 pillow case, 6 handkerchiefs, 5 towels, 2 bath cloths, 2 wash dresses or 3 shirts, 1 pair pajamas or night gown, 1 slip.

OPPORTUNITIES FOR SELF-HELP

A considerable number of students secure employment to aid them in their education. Some students of Agriculture are able to secure work on the college farm. In a few instances other departments need the services of students. Usually these places go to those who have been in attendance for some time, and who are known to be willing, capable, and trustworthy. The University does not assume any responsibility whatever in this matter. As a matter of accommodation the Personnel Office of the University co-operates as far as possible by helping students to secure employment. Very much depends, however, on the individual's power of initiative. Students should not come to the University expecting others to find places for them.

To earn a living and at the same time carry the work of a college course planned to occupy a student's full time is more than most students can accomplish. In a few instances they have succeeded, but as a rule students who attempt more than partial self-support should expect to lengthen their term of study.

For the last six years the Federal Emergency Relief Administration and the National Youth Administration have co-operated with the University in offering work for students. At the time of pub-

lication of this bulletin, it is not certain that this aid will be continued for another year, but there is a good probability that it will be continued. Under this fund freshman students who show a superior scholastic record from the high school and other students who have a high grade college record are eligible for jobs. The following are the requirements as set forth by the NYA: (1) Each student shall be absolutely in need of this or other aid in order to continue in college; (2) Students helped must have demonstrated their ability to do high grade scholastic work; and (3) Students must be able to render efficient service for the aid received. The sum allowed each student under this fund is about \$12.00 per month. All applications for appointment to NYA work should be addressed to Mrs. Dorothy S. Whitehead, NYA Supervisor in the Personnel Office.

SCHOLARSHIP AND LOAN FUNDS

SCHOLARSHIPS FOR FIRST HONOR GRADUATES

By authority of the Regents of the University System of Georgia, first honor graduates of accredited high schools in Georgia receive scholarships for one year. This scholarship, which must be used during the academic year immediately following high school graduation, amounts to \$125.00 per year.

Notification that a student is a first honor graduate must be given the President of the University in writing by the school principal or superintendent.

DISTRICT COMPETITIVE SCHOLARSHIPS

Based upon a competitive examination in each Congressional District of the state, a two-year scholarship (\$125.00 per year) is given each of the 10 first place winners and a one-year scholarship given each of the 10 second place winners. Continuation of the scholarship for first place winners during the second year will depend upon the student's ranking in the upper 15 per cent of his class at the end of his freshman year.

These examinations are open to seniors or graduates of accredited or non-accredited Georgia high schools provided he or she is a resident of Georgia, has not attended any college, and did not take the examination the previous year.

Similar to comprehensive examinations now used in much college survey work, these examinations cover English—reading and vocabulary, grammar, spelling, punctuation, usage; Mathematics—

arithmetic, algebra, finance; General Science—biology, chemistry, physics, astronomy, geology.

Persons wishing to take this examination should write Mrs. Dorothy S. Whitehead, The University of Georgia, Athens, Georgia, before April 1, since an application blank must be filled out and returned before April 15.

[Unless otherwise specified all loan and scholarship funds below are open to males only.]

To apply for a loan Agricultural College students should write to Prof. J. C. Bell, College of Agriculture, and all other students should write Mrs. Mary B. Bondurant, Personnel Officer, The University of Georgia. Complete information and application forms will be furnished on request. Applications for loans should be filed by July 1 of each year. Applications are passed upon in July or August by the Faculty Committee on Loans.

AMERICAN BANKERS ASSOCIATION LOAN FUND. Given by American Bankers Association Foundation. Open to high ranking seniors in the School of Commerce.

CHARLES McDONALD BROWN SCHOLARSHIP FUND. This endowment was established in 1883, by the Hon. Joseph E. Brown, ex-governor of Georgia, in memory of his son, Charles McDonald Brown, of the Class of 1878, for the purpose of aiding young men in defraying the expenses of their education. The interest on this fund is lent to worthy young men on condition that they obligate themselves to return it with 4 per cent interest. Young men who are preparing for the ministry are required to return but one-half of the amount borrowed, with interest. The colleges participating in the benefits of this fund are: the colleges at Athens (including the Law School), the Medical College at Augusta, and the North Georgia College at Dahlonega. The present value of this fund is \$371,480.06.

THE BERT MICHAEL SCHOLARSHIP. About \$50.00 a year, the income of a fund given by the family of the late Bert Michael, of the Class of 1912, to be given to a member of the junior class, selected by a committee of the Faculty. Open to men and women.

THE ARKWRIGHT FUND. The income of a fund given by Preston S. Arkwright, to be lent on the same terms as the Charles McDonald Brown Fund. The value of this fund is now \$1,334.24.

THE JOSEPH HENRY LUMPKIN SCHOLARSHIP FUND. The income of a fund given by Joseph Henry Lumpkin, to be lent on the same terms as the Charles McDonald Brown Fund. The value of this fund is now \$12,027.60.

THE DODD FUND. The income of a fund given by Eugene Dodd ('93) and Harry Dodd ('97), to be lent on the same terms as the

Charles McDonald Brown Fund. This fund now amounts to \$1,256.80.

THE BRAND FUND. For a number of years the late Hon. Charles H. Brand gave to the University sums of money to be lent to students residing in the congressional district he represented. This fund now amounts to \$1,491.65, and as loans are repaid the money can be re-lent.

THE DAUGHTERS OF THE AMERICAN REVOLUTION FUND. The income of a fund of \$5,000.00 given by the Georgia Division of the Daughters of the American Revolution, to be lent on the same terms as the Charles McDonald Brown Fund. The present value of this fund is \$9,304.85.

THE JOE BROWN CONNALLY SCHOLARSHIP IN GEORGIA HISTORY. In 1922 the family of Captain Joe Brown Connally, a graduate of the University who lost his life in the World War, established in his memory a permanent scholarship to be awarded annually to a member of the junior class for proficiency in Georgia history. The scholarship yields \$100.00 annually. Open to men and women.

AARON F. CHURCHILL FUND. Mrs. Lois Churchill and Miss Lottie Churchill gave in 1922 to The University of Georgia, the sum of \$15,000.00 as a memorial to the late Captain A. F. Churchill, of Savannah. The interest from this fund is to be lent to worthy students, men or women. The present value of the fund is \$29,193.03.

HENRY W. BROWN FUND. The Henry W. Brown Memorial Fund was established by the family of the late Captain Brown, who lost his life as a result of the World War. The interest is to be lent to worthy students. The present value of the fund is \$18,939.85.

WILLIAM STARKE DENMARK FUND. A gift of the late Brantley A. Denmark, in memory of his son, William Starke Denmark. The interest is lent to worthy students. The present value of the fund is \$13,935.72.

THE A. L. HULL MEMORIAL FUND. A gift of \$500.00 by Dr. M. M. Hull ('91) for the establishment of a loan fund for aiding students. This fund now amounts to \$617.21.

FRANCIS ADGATE LIPSCOMB FUND. A gift by Mr. F. A. Lipscomb to establish a fund in honor of his father, Francis Adgate Lipscomb, who was a professor in the University from 1869 until his death in 1873, the interest to be lent to worthy students. The present value of the fund is \$2,102.42.

BERNICE F. BULLARD FUND. A gift by Mrs. Bernice F. Bullard of \$10,000.00 to establish a loan fund in memory of her husband, the late Bernice F. Bullard, of Savannah. The present value of this fund is \$22,665.62. This fund is open to women.

MOON FUND. A bequest of \$2,000.00 by the late Professor A. H. Moon, establishing a loan fund in memory of his father and mother. It now amounts to \$3,416.96. Open to men and women.

ELIJAH CLARKE D. A. R. FUND. An annual gift of \$100.00 by the Elijah Clarke Chapter of the Daughters of the American Revolution, to establish a loan fund for girls. It now amounts to \$1,679.18.

LILA NAPIER JELKS LOAN FUND. In January, 1936, the Hawkinsville Chapter, Daughters of the American Revolution, established at the University a loan fund of \$600.00 which is known as the Lila Napier Jelks Loan Fund. This fund is available to junior and senior students whose homes are in Pulaski County.

STUDENT LOAN FUND. A fund established through contributions of various students. Repayments of loans make available other loans. The funds now amount to \$1,242.35. Open to men and women.

BENJAMIN Z. PHILLIPS FUND. Mrs. Nettie Elsas Phillips gave to the University the sum of \$5,000.00 with which to establish the Benjamin Z. Phillips Law Scholarship Fund in memory of her husband, Benjamin Z. Phillips. Loans from the income of this fund are made to a member of the second year law class selected by the Law Faculty. The fund is open to women. It now amounts to \$9,881.13.

BERRYMAN T. THOMPSON FUND. A gift of \$10,000.00 by Mrs. Berryman T. Thompson and Mrs. Garland M. Jones, of Newnan, Georgia, to establish this fund in memory of their husband and father, for the benefit of the boys and girls of Coweta County, Georgia. It now amounts to \$13,935.70.

JAMES H. HUNT LOAN FUND. A bequest by the late Mrs. James H. Hunt, of Gainesville, Georgia, for establishing the James H. Hunt Loan Fund. The assets of this fund are now in lands, the value of which is estimated at \$87,000.00. Open to men and women. (It will probably be several years before loans can be made from this fund.)

THE JAMES C. HARRIS LOAN FUND, now amounting to \$387.00.

THE THOMAS E. MITCHELL EDUCATIONAL LOAN FUND. A bequest by the late Dr. Thomas E. Mitchell, of Columbus, Georgia, the income to be divided equally among The University of Georgia, the Georgia School of Technology, the Georgia State Teachers College (now the Co-ordinate College), and the Georgia State College for Women. Open to men and women. Present value of fund is \$177,627.96.

The notes given for loans from the Mitchell Fund are set up under four loan funds and all repayments are credited to those funds and not to the parent fund. These repayments, both principal and interest, are invested and become part of the corpus of these funds. The interest from these funds is lent to students. These four funds are as follows:

The University of Georgia Thomas E. Mitchell Fund—now amounting to \$22,037.85.

The Georgia School of Technology Mitchell Fund—now amounting to \$21,323.48.

The Georgia State College for Women Mitchell Fund—now amounting to \$22,593.79.

The Co-ordinate College Mitchell Fund—now amounting to \$21,434.97.

MARTIN REYNOLDS SMITH FUND. A gift by Mr. J. Warren Smith to establish a fund in memory of his son, Martin Reynolds Smith. Value of the fund is \$2,00.00. The interest from the investment is to be used as prizes for excellence in research work in chemistry.

EDGAR GILMER DAWSON FUND. A bequest by the late Dr. William Terrell Dawson, of Daytona, Florida, the income from which is used by the College of Agriculture for loans to its students. The value of the fund at present is \$211,871.77. The College of Agriculture arranges with counties or schools to add \$75.00 from this income to their contribution of \$125.00, making a \$200.00 fund to be lent to students from the counties or schools taking advantages of this arrangement. The county or school that establishes such a loan will have the privilege of nominating candidates through the county agent or vocational teacher as beneficiaries of this fund. In cases where this is not done the Regents reserve the right to nominate beneficiaries.

THE GEORGIA BANKERS' ASSOCIATION has established a student loan fund. For some time this fund was administered by the Agricultural Committee of the Bankers' Association. This fund is now administered by the Regents of the University System. Application, therefore, should be made to Dean Chapman not later than May 1, and the application should be endorsed by a local banker. The Georgia Bankers' Association has requested that certain rules and regulations be observed in making these loans. These will be furnished the applicant. This fund now amounts to \$8,592.41.

THE GEORGIA BANKERS' ASSOCIATION also contributed the sum of \$4,000.00 to provide loans to members of the Boys' and Girls' Clubs of the College of Agriculture, under certain rules as to appointment. Repayment of loans makes available the money for other loans. These funds now amount to \$4,693.23.

THE GIRLS CANNING CLUB LOAN FUND. A revolving fund that is lent, as repayments are made, to girls in the School of Home Economics. This fund now amounts to \$3,483.65.

THE FORESTRY LOAN FUND. Open to students in the School of Forestry, now amounts to \$736.95.

THE ALPHA ZETA FRATERNITY FUND. Open to members of that fraternity, now amounting to \$331.98.

THE IDA A. YOUNG LOAN FUND. Open to students of the Co-ordinate College, now amounts to \$4,935.13.

STUDENT AID LOAN FUND, a loan fund for a number of junior and senior girls, of high character and with good scholastic records. Fund was established and is administered by the Georgia Federation of Women's Clubs.

MARK SULLIVAN LOAN FUND is now \$100.00.

LOUIS WELLHOUSE MEMORIAL FUND is now \$291.54.

PICKETT & HATCHER FUND, a fund open to junior and senior students (men and women) who are not studying strictly professional courses, such as law, medicine or the ministry, except the teaching profession. Students must be of good character and have good scholastic records. Administered by a Board of Trustees. Applications should be sent to Mr. Guy E. Snavely, Jr., Executive Secretary, Columbus, Georgia, before August 1 each year or at least six weeks before the opening quarter for which the student wishes the loan.

KNIGHTS TEMPLAR EDUCATIONAL FUND, a loan fund open to junior and senior boys and girls. Established and administered by Knights Templar of Georgia. Requirements similar to Student Aid.

ROTARY EDUCATIONAL FOUNDATION OF ATLANTA, a loan fund open to juniors and seniors. Administered by a loan board of trustees of the Atlanta Rotary Club.

GEORGIA MASONIC LOAN FUND, loan open to juniors and seniors. Established and administered by Masons of Georgia.

Other loan funds are Rotary Fund of Rome, Kiwanis Loan Fund of Rome, Rotary Loan Fund of Griffin, Rotary Loan Funds of Macon, Savannah, Athens, Brunswick, and Gainesville.

WILLIAM WILSON FINDLEY FOUNDATION. The Southern Railway Company has given the sum of \$1,000.00 to be known as the Southern Railway Loan Fund, William Wilson Findley Foundation, in the College of Agriculture. The only restriction placed upon this fund is that students benefiting by it live in counties traversed by the Southern Railway and its branches. The value of this fund is now \$2,484.39.

THE CITIZENS AND SOUTHERN NATIONAL BANK gave \$150.00 per month over a period of years, which constitutes a loan fund in the College of Agriculture for worthy students. This fund now amounts to \$13,273.65.

ATLANTA JOURNAL. Scholarships to the value of \$150.00 each have been given to 43 boys and to the value of \$200.00 each to 22 girls by various individuals through the efforts of the Atlanta Journal. These

scholarships are for students in the College of Agriculture, and as the loans are repaid the money is made available for other loans.

SHORT COURSE SCHOLARSHIPS. Twelve hundred short course scholarships for boys and 600 for girls to the value of \$15.00 each have been awarded through the agency of individuals, bankers, railroads, women's clubs, county boards of education, fair associations, and various other organizations. These funds are used for the payment of expenses of boys and girls attending the annual summer camp at the College of Agriculture.

THE ALBON WILLIAMS REED MEMORIAL FUND of \$2,000.00, given by Mr. and Mrs. T. W. Reed in memory of their son. The income from this fund each year will be used to assist some worthy boy through the College of Agriculture. This fund now amounts to \$3,221.23.

THE GEORGIA POWER COMPANY. This organization has established 10 annual loan funds of \$150.00 each for a period of five years for the benefit of freshmen in the College of Agriculture. This fund now amounts to \$9,065.09.

ALUMNI ASSOCIATION (College of Agriculture)—Revolving loan fund of \$1,002.60.

CHARLTON COUNTY 4-H CLUB FUND—now \$150.00.

4-H CLUB FUND—now \$1,080.52.

FRESHMAN Y. COMMISSION LOAN FUND—now \$93.20.

PHI DELTA PHI FUND—now \$50.00.

EPSILON SIGMA PI FUND—now \$50.00.

HENRY L. RICHMOND FELLOWSHIP: A fellowship established by Mrs. Henry L. Richmond, of Savannah, Georgia, who gave \$25,000.00, from which \$1,000.00 was used to provide books for chemical library and the interest on the remainder to provide for the fellowship.

JUNIOR SCHOLARSHIP—To the student showing the greatest proficiency in all agricultural subjects for the college year 1940-1941, a credit of \$40.00 on his fees when he registers again in the University.

SOPHOMORE SCHOLARSHIP—To the student showing the greatest proficiency in all agricultural subjects for the college year 1940-1941, a credit of \$30.00 on his fees when he registers again in the University.

FRESHMAN SCHOLARSHIP—To the student showing the greatest proficiency in all agricultural subjects for the college year 1940-1941, a credit of \$20.00 on his fees when he registers again in the University.

PHELPS-STOKES SCHOLARSHIP

This fellowship has been endowed under the following resolutions of the Trustees of the Phelps-Stokes Fund:

"Whereas, Miss Caroline Phelps-Stokes in establishing the Phelps-Stokes Fund was especially solicitous to assist in improving the condition of the Negro, and

"Whereas, It is the conviction of the Trustees that one of the best methods of forwarding this purpose is to provide means to enable Southern youth of broad sympathies to make a scientific study of the Negro and his adjustment to American civilization:

"Resolved, That twelve thousand five hundred dollars (\$12,500.00) be given to The University of Georgia for the permanent endowment of a research fellowship, on the following conditions:

"1. The University shall appoint annually* a Fellow in Sociology, for the study of the Negro. He shall pursue advanced studies under the direction of the Departments of Sociology, Economics, Education, or History, as may be determined in each case by the President. The Fellowship shall yield \$500.00, and shall, after four years, be restricted to graduate students.

"2. Each Fellow shall prepare a paper or thesis embodying the result of his investigation, which shall be published by the University with assistance from the income of the fund, any surplus remaining being applicable to other objects incident to the main purpose of the Fellowship. A copy of these resolutions shall be incorporated in every publication issued under this foundation.

"The right to make all necessary regulations, not inconsistent with the spirit and letter of these resolutions, shall be given to the President and Faculty, but no changes in the conditions of the foundation can be made without the mutual consent of both the Board of Trustees of the University and of the Phelps-Stokes Fund."

STUDENT ACTIVITIES AND ORGANIZATIONS

ACTIVITIES

ARTISTIC, DRAMATIC AND MUSICAL

The art department sponsors annual student exhibitions, and throughout the year offers much valuable work of an extra-curricular nature.

The University Theater presents three plays each year. This stu-

* By mutual consent of the Trustees of the Phelps-Stokes Fund and the Regents of the University, the Fellow in Sociology may be appointed biennially, two fellows every three years, or annually, as the President and the Faculty may see fit. The Fellowship will then pay \$750.00 or \$500.00, depending upon the frequency with which it is awarded.

dent group, under a director, conducts every phase of the Theater activity—business, acting and production.

Musical activities include a Men's and Women's Glee Club, and a Little Symphony Orchestra, under the supervision of the department of music. The Men's Glee Club makes an annual tour. There is also the University Band and one or more dance orchestras.

Music Appreciation Hour, conducted every Thursday night by Hugh Hodgson, head of the Music Department, is designed to teach students how to listen to music and enjoy it, and to acquaint students with the great composers.

ATHLETIC

The University maintains a full program of intercollegiate athletics for men. Included in this group are football, baseball, basketball, track, cross country, tennis, golf, swimming, rifle marksmanship and other minor sports.

Men's intramural athletics include touch football, basketball, track, cross country, tennis, softball, golf, rifle marksmanship, boxing, bowling, soccer, pool, swimming, volleyball, ping-pong, and others.

A program of women's intramural sports is sponsored by the department of physical education for women, and the Women's Athletic Association. Sports participated in are volleyball, swimming, horse shoes, golf, basketball, bowling, table tennis, rifle marksmanship, fencing, badminton, softball, tennis, archery and others.

FORENSIC

Four Literary Societies give students opportunities to participate in debates and public speaking. They are Demosthenian and Phi Kappa (for men), Pioneer Club (for women) and Agricultural Club (for students in College of Agriculture).

Numerous inter-society debates are scheduled throughout the year, and freshman and varsity teams make annual trips, and debate visiting teams.

PUBLICATIONS

Student publications include The Red and Black (campus weekly), Pandora (yearbook), Georgia Agriculturist (monthly magazine), Georgia Arch (monthly magazine), Cypress Knee (Forestry Club

yearbook), Georgia Cloverleaf (4-H Club yearbook), Georgia Ag Engineer (yearbook), and Time Sheet (NYA publication).

RELIGIOUS

Three major units of student religious activity—the Y. M. C. A., the Y. W. C. A., and the Co-ordinate College Y. W. C. A.—function under the University Voluntary Religious Association. The University recognizes the religious influences essential to the well-rounded development of the individual. The Association co-operates with student pastors and workers maintained by the Athens churches, and throughout the year sponsors special programs for and by the students.

SOCIAL

Men's Greek Letter Fraternities include Sigma Alpha Epsilon, Chi Phi, Kappa Alpha, Phi Delta Theta, Sigma Chi, Alpha Tau Omega, Sigma Nu, Delta Tau Delta, Chi Psi, Kappa Sigma, Pi Kappa Alpha, Pi Kappa Phi, Lambda Chi Alpha, Phi Epsilon Pi, Tau Epsilon Phi, Alpha Epsilon Pi, Alpha Lambda Tau, and Alpha Gamma Rho.

Women's Greek Letter Organizations are Phi Mu, Chi Omega, Alpha Gamma Delta, Kappa Delta, Alpha Delta Pi, Delta Delta Delta, Delta Phi Epsilon, Alpha Omicron Pi, Kappa Alpha Theta, Alpha Chi Omega, and Pi Beta Phi.

Social functions are given regularly by many clubs and dormitory groups in addition to social fraternities.

ORGANIZATIONS

Numerous specialized groups, clubs and other similar organizations are found on the Georgia campus. Following is a complete list, alphabetically arranged, and briefly identified with the department or activity to which they are related. Many are national, and professional groups. Distinction as to men's and women's groups, or both, is not made.

A. S. A. E. (agricultural engineering), Ag Club (agriculture), Aghon (agriculture), Alpha Kappa Psi (commerce), Alpha Lambda Delta (scholarship), Alpha Phi Omega (service), Alpha Xi Sigma (forestry), Alpha Zeta (agriculture), Beta Gamma Sigma (scholarship), Biftad (honorary), Blue Key (honorary).

Dance Club, Delta Sigma Pi (commerce), Dolphin Club (swimming), Economics Society (commerce), Forestry Club, Gaffau Club (agriculture), Gamma Sigma Epsilon (chemistry), German Club,

Gridiron (honorary), Hammer and Coffin (humor), Homecon and Junior Homecon (home economics), Hunt Club (horseback riding), International Relations Club, Jockey Club (horsemanship), Junior Cabinet (honorary), Kappa Delta Pi (education).

Landscape Architecture Society, Mask and Foil (fencing), Mortar Board (honorary), Omicron Delta Kappa (honorary), Pharmacy Club, Phi Beta Kappa (scholarship), Phi Delta Chi (pharmacy), Phi Delta Phi (law), Phi Eta Sigma (scholarship), Phi Kappa Phi (scholarship), Phi Upsilon Omicron (home economics), Photography Club, Pi Mu Epsilon (mathematics), Poultry Science Club, Phi Chi (psychology).

Saddle and Sirloin Club (animal husbandry), Scabbard and Blade (military), Sigma Alpha Iota (music), Sigma Delta Chi (Journalism), Sigma Delta Kappa (law), Sketch Club (art), Sphinx (honorary), Thalian-Blackfriars (dramatics), Theta Sigma Phi (journalism), "X" Club (service), Xi Phi Xi (science), "Z" Club (honorary), Zodiac (scholarship).

HONORS AND APPOINTMENTS

SOPHOMORE DECLAIMERS. In April of each year ten members of the sophomore class are selected to compete for a declamation prize. The contest is held in May.

JUNIOR SPEAKERS. Six members of the junior class are selected on the basis of original speeches to represent the class in exercises held at the Chapel in May.

VALEDICTORIAN. At the regular Faculty meeting, on Monday before the first Wednesday in May, the Faculty nominates not more than five members of the senior class who stand first in scholarship. The names are submitted in alphabetical order to the senior class, which selects from them a valedictorian, with the understanding that he or she shall maintain his or her standing in scholarship, though not necessarily that of first honor.

No student is allowed to appear at Commencement either as speaker or declaimer who is not a member in good and full standing of one of the literary societies, and whose work is not acceptable to the head of the Department of English.

THE DEBATERS' MEDALS. Six gold medals are offered by the Board of Regents, to be awarded as prizes to members of the freshman and sophomore classes for excellence in debating. A medal is awarded to each of the debaters representing the literary society which wins a debate.

THE READY WRITERS' MEDAL. To encourage the art of composition

the Board of Regents awards a gold medal for the best essay written by any student of the University upon a theme announced after the competitors enter the room.

THE FRESHMAN PRIZE. The "Hamilton McWhorter Prize," as of the Class of 1875, for general excellence in the freshman class, is awarded to the member of that class who stands first in scholarship.

THE BRYAN PRIZE. The late Hon. W. J. Bryan gave the sum of \$250.00, the income of which is given annually as a prize to the writer of the best essay on our form of government.

THE PHILOSOPHY PRIZES. Two prizes of \$50.00 each were founded in 1902 by Judge Horace Russell, of New York. These prizes, named by the Board of Regents the "Horace Russell Prize in Psychology," and the "Walter B. Hill Prize in Ethics," are awarded to the writers of the best essays on subjects assigned by the Professors of Philosophy and Psychology.

THE MILITARY PRIZE. A prize is annually awarded to the best drilled member of the R. O. T. C. in a competition held during Commencement.

THE JUNIOR ORATOR'S PRIZE. Offered by the Board of Regents for the best oration by a member of the junior class.

THE EDWARD A. BURDETTE MEMORIAL MEDAL. Offered by Mrs. L. G. Daingerfield in memory of her son, Edward A. Burdette. This medal is awarded for excellence in English.

MU BETA CHAPTER OF CHI OMEGA SORORITY offers a prize of \$25.00 to the woman student of The University of Georgia who has the highest scholastic average. A student must take at least three courses per quarter constituting a normal year's work in order to be eligible for this prize.

THE ELIJAH CLARKE D. A. R. PRIZE IN HISTORY. The Elijah Clarke Chapter of the Daughters of the American Revolution offers a prize of \$10.00 to the student (man or woman) in the Department of History writing the best paper on a subject relating to the American Revolution.

ALPHA KAPPA PSI AWARD. To the junior (male) in the School of Commerce who has the highest scholastic average at the end of his junior year the Alpha Kappa Psi Fraternity awards each year a gold medallion. This prize is offered by the Alpha Epsilon Chapter of the Fraternity.

SIGMA DELTA CHI SCHOLARSHIP award is given by this national professional journalistic fraternity to graduating journalism students who stand in the highest 10 per cent of their own graduating class.

ART AWARDS. Three Purchase Prizes of \$15.00, \$10.00, and \$5.00

respectively with a bronze medal to go with the first prize and honorary mention certificates with the other two awards are offered by Edward S. Shorter, of Columbus, Georgia. These prizes will be given to students of the Art Department for work of outstanding merit; the awards to be made upon the recommendation of a jury to be selected by the Faculty of the department. Work receiving these awards will remain the property of the department.

(The Art Department reserves the right to retain examples of the students' work from time to time).

HONORS DAY

An annual University Honors Day is held in October in accordance with the following plan:

1. There will be an address by some distinguished speaker.
2. Announcement is made of the winners of cups, prizes, trophies, and medals awarded for scholarship within the period between Honors Days.
3. Announcement is made of those students who have been elected to honorary societies where the basis of election meets with a standard of scholarship approved by the Faculty.
4. Announcement is made of the organized groups whose average is the average of all of the undergraduates, plus 25 per cent of the difference between the average and 100 per cent.
5. Announcement is made of students who have distinguished themselves in scholarship during the three preceding quarters. There are two grades of such students:
 - (a) Students in the upper 10 per cent of the class are entitled to have their names printed on the Honors Day program and wear a distinguished badge.
 - (b) Students in the upper 5 per cent of the class are entitled to have their names printed on the Honors Day program and to wear a distinguishing badge. This group constitutes the official Dean's List.
6. The students and the organizations to be given honors are to be selected from records on file in the office of the Registrar.

REGULATIONS GOVERNING STUDENTS

ADMINISTRATIVE REGULATIONS

By action of the Regents, the legislative authority to establish rules and regulations for the immediate government of the University in all that relates to the order and discipline of the institution is delegated to the President and Faculty. These rules and regulations are administered directly by the Administrative Dean and the Dean of the Co-ordinate College, subject to the approval of the President.

The University prints annually a handbook entitled *Regulations and Information for Guidance of Undergraduate Students*. A copy of this book is given to every student upon registration. Upon request a copy will be mailed to any prospective student or patron of the University. This handbook outlines in some detail the rules and regulations governing students.

WITHDRAWALS FROM UNIVERSITY

By action of the Regents no student shall be permitted to withdraw from the University without the written consent of his parent or guardian. No student against whom charges are pending shall be permitted to withdraw until such charges are determined.

CHAPEL EXERCISES

A compulsory general assembly of all freshmen men and another assembly of all sophomore men students, both in charge of the Dean of Men, are held once each week in the Chapel. From time to time other exercises of an educational or religious nature, conducted by the President, a member of the Faculty or other speaker, are held for the benefit of the student body.

Compulsory assemblies for freshman and sophomore women students and other exercises are held on the Co-ordinate College campus in charge of the Dean of the Co-ordinate College.

THE WOMAN'S STUDENT GOVERNMENT ASSOCIATION

The administration of privileges and responsibilities of women students, other than the general matters covered in the Students' Handbook, rests within the scope of the Woman's Student Government Association. This Association has two branches, one for Junior Division students and one for Senior Division students, for the ad-

ministration of student conduct. The Association regulates date privileges, dance privileges, absences from dormitories or sorority houses, smoking, etc.

It is an active, functioning organization, through which are handled all cases of conduct involving women students alone, in conjunction with the Dean of Women and the Administrative Deans.

The Woman's Student Government Association has proved a most valuable force on the campus, and has become an agent for constantly elevating the standards of the woman's student body at the University.

The Handbook of the Woman's Student Government Association will be sent upon request.

SCHOLASTIC REGULATIONS

COURSE ORGANIZATION AND SYSTEM OF CREDITS

The term course is used to designate a unit of instruction complete in itself for credit. The unit of credit is the "quarter-hour" (hereafter abbreviated to "hour"). One "quarter-hour" or "hour" of credit is allowed a course for each time per week it meets for one quarter. In general the duration of a meeting devoted to lecture or recitation work is one hour. In the science and technical courses requiring laboratory work the duration of each meeting is in general two hours, although in some cases three hours are required. For instance, a course meeting three times per week for one quarter is given three hours credit; a course meeting three times a week for two quarters is given six hours credit. In some cases, however, as, for instance, in Military Science and Physical Education, the hours of credit assigned a course do not follow this scheme.

NUMBERING SYSTEM FOR COURSES

In general a course complete in one quarter is assigned a separate number irrespective of the hours of credit carried. A course continued over more than one quarter, all of which has to be completed before final credit is granted for any part, is indicated by a number with a letter subscript for each quarter over which it continues. For instance, Economics 55 a-b-c, credit 9 hours, indicates a course continuing over three quarters meeting three times per week for each of these three quarters; Astronomy 381—three hours, credit three hours, indicates a complete credit unit in Astronomy.

Junior Division courses are numbered from 1 to 199; Senior Division courses from 200 to 399 if open only for undergraduate credit; mixed Senior Division and graduate courses from 400 to 599

if taken by an undergraduate; mixed Senior Division and graduate courses from 600 to 799 if taken by a graduate; purely graduate courses above 800.

Junior Division courses in general are to be taken only by Junior Division students and Senior Division courses by Senior Division students, except as indicated below.

A sophomore of full standing (i. e., credit for a minimum of 53 hours and with quality points to match his total credits) may be allowed by the Dean of Administration, on presentation of the written consent of the instructor in charge of the contemplated Senior Division course, to elect courses bearing Senior Division numbers to a minimum of 15 hours provided such election does not defer required Junior Division courses to the student's junior year. However, no courses taken under a Senior Division number before a student has reached Senior Division standing (i. e., credit for 106 hours with the proper quality points) shall be used to decrease the total number of Senior Division credit hours mentioned below as required after a student reaches the Senior Division. Neither shall such courses be considered as part of a student's major concentration for the Senior Division except as specifically stated later under the degree requirements of the various colleges or schools.

Of the 90 hours required of all Senior Division students, at least 60 must be courses bearing Senior Division numbers and taken after the student reaches Senior Division standing. Thirty of the 90 hours may bear Junior Division numbers if so approved by the student's major professor. No Junior Division student will be allowed to register for a course numbered 400 or over.

CLASSIFICATION BY CLASSES

At the beginning of the Fall Quarter a student to be ranked as a sophomore must have credit for 37 hours; to be ranked as a junior he must have credit for 90 hours; and to be ranked as a senior he must have credit for 142 hours.

Classifications are not changed during the college year in which the student registers, except as a classification for freshman and sophomore assembly. For that purpose a student by taking extra hours may be changed from one classification to another.

NORMAL LOAD OF WORK

In the Junior Division the normal load of work for each quarter is 16 hours (quarter-hours). In cases where schedule difficulties demand it, a student may be assigned as few as 14 or as many as 18 hours. Not more than 51 hours in addition to the Military Sci-

ence or Physical Education may be assigned, however, for any one regular academic year of three quarters, except by permission of the Dean of Administration.

In the Senior Division the normal load of work for each quarter is 15 hours. However, in some cases a student may schedule as few as 14 or as many as 16 hours.

A student who cannot devote his entire time to his classes, because of illness or outside work necessary to meet expenses, or for other good reasons, may be allowed by the Administrative Dean to take less than the normal load of work. In cases where a large portion of a student's time is devoted to outside work, a work load less than the normal will be required by the Dean.

In some professional degrees the normal load of work for the Senior Division is in excess of 45 hours, as outlined in the degree requirements.

Senior Division students may be permitted to schedule courses in Advanced Military Science in addition to their normal load; this, however, does not, under any circumstances, allow a student's total load to be above 21 hours per quarter.

The "normal load of work," mentioned above, and the "extra load of work," mentioned below, do not include the Military Science or Physical Education required in the Junior Division. These courses are to be taken as additional work.

Every student, except by special permit of the Dean of Administration, shall be required to follow a prescribed order of courses in his curriculum. In case of temporary irregularity, due to failure or other causes, the student shall be required to schedule such courses in his curriculum as will make him conform as quickly as possible.

EXTRA LOAD OF WORK

Students are advised not to undertake more credit hours of work per week than that outlined as a normal load. Although it may be possible for a student to pass an extra work load, it is usually at a sacrifice of educational values. No freshmen are allowed to undertake more than a normal load. In some cases (see below) extra hours may be allowed to students, other than freshmen, to a maximum never to exceed 21 hours per quarter on approval of the Dean of Administration if recommended by the Dean of the student's school or college or registering officer authorized by him. Consideration will be given to applications from students in the following cases. (Note Extra Course Fees, page 53):

1. Students whose names appear on the Dean's List for the

current year or students who have made an average of 87 on three quarters' work in residence during the preceding regular session. Students who have made an average grade of 90 on the preceding quarter's work.

2. Seniors during their last quarter before graduation where six extra hours will enable them to graduate at the end of this quarter. In some cases of schedule difficulties these six extra hours for seniors may be distributed over their last two quarters.

3. Transfer students who have made a grade of at least 90 or A on their previous year's work at a standard institution. Transfer students who are repeating courses for which they were granted credit from the institution from which they transfer.

SCHOLASTIC GRADES

The University indicates grades on courses by the following scheme:

A+	Exceptional (95-100)
A	Excellent (90-94)
B+	Very Good (85-89)
B	Good (80-84)
C+	Average (75-79)
C	Satisfactory (70-74)
D+	Passing (65-69)
D	Barely Passing (60-64)

Other marks are in use to indicate varying grades of work not passing. They are:

E, (condition). A condition may be removed by examination or by other means stipulated by the instructor concerned. A condition (E) not removed within 12 months is considered a failure (F). When an E is removed the maximum grade allowed on the course is D.

F, (failure). This grade may be converted into a higher grade only by repeating the work in the course.

I, (incomplete). This mark indicates that the student has been unable to complete the work of the course. It shall be given only when the work already done has been of a quality acceptable to the instructor. Opportunity to complete the requirement in the course shall be given during the next quarter in residence, and in general if the incomplete mark is not removed by the end of this quarter it shall be considered a condition.

W, Withdrawn from the course by permission with no grade assigned.

WF, Indicates a course from which the student withdrew by per-

mission while doing unsatisfactory work. This grade carries the F value.

N, Indicates that the student withdrew from the course without permission or was excluded by the Dean for excessive absences. This grade carries an F value.

QUALITY POINTS

The value of each grade in quality points is as follows: A grade of A+ or A entitles the student to three quality points for each credit hour; a grade of B+ or B, two quality points; a grade of C+ or C, one quality point; a grade of D+ or D, no quality points. A condition may be removed by re-examination, but no quality points may be obtained by re-examination.

A grade of D+ or D, while accepted as a passing mark, does not represent satisfactory achievement. Like the higher grades, it is final and cannot be raised by subsequent work or examination, although the entire course, or in the case of a continuation course, one quarter in which the grade has been made, may be repeated upon recommendation of the professor in charge. Since no quality points are attached to the grade of D+ or D, such grade must be validated by higher marks in other subjects.

REQUIREMENTS FOR GRADUATION

Courses carrying a minimum credit of 196 quarter-hours, including the 10 quarter-hours in Military Science (men) or Physical Education (women) are required for graduation. Military Science (10 hours) is a requirement for all physically fit male students who enter the University in the freshman or sophomore class. Any waiving of this requirement must have the approval of the Commandant of Cadets.

A total of 186 quality points, 60 of which must be obtained after reaching Senior Division standing in Senior Division courses, must be obtained to qualify the student for graduation. (See above). No quality points may be obtained in the required courses in Military Science or Physical Education. The grade of D or D+ is not counted towards a major and in at least three-fourths of the total number of credit hours the grades must be C or higher.

In some professional degrees the total requirements for a degree are more than 196 hours as listed in the degree requirements.

Students graduating in June, 1942, and thereafter will be required to pass courses of credit value of at least 90 hours after they reach Senior Division standing. In some cases this will increase the total requirement for graduation beyond the minimum of 196 hours.

The English Department has established an extra course in corrective English and any student in the senior college whose written work in connection with any of his studies is below a reasonable standard of correctness may, on recommendation of his instructor, be required to take this course until in the judgment of the English Department his writing has become satisfactory. This course will run one hour a week throughout the year.

Comparison with bulletins issued prior to April, 1938, will show that the University has changed its unit of credit from "courses" to "quarter-hours." The former "course" unit is equivalent to five "quarter-hours" units. This has caused some adjustments in the degree requirements. The class of 1940 will graduate under the old requirements. The class of 1941 will graduate under requirements in the 1938 bulletin with equitable adjustments.

EXAMINATION ON CONSTITUTION

Examinations on the Constitution of the United States and the State of Georgia, required of all persons receiving a degree from the University unless exempted by course credit in history or political science, are given annually on the first Friday after Washington's birthday and the first Friday after the Fourth of July. A series of lectures to aid students in preparing for these examinations is offered during the two weeks preceding the examinations. Special examinations for students having failed on or been absent from the regular examinations are offered on the first Friday in May and the first Friday in November, but unless the student can satisfy the Dean's office that he had a valid reason for not having passed the regular examination, the regular fee for special examinations will be charged for these special examinations on the Constitutions.

REPORTS

Reports for every college student will be sent by the Registrar to parent or guardian at the end of each quarter.

At the middle of the first quarter and of the second quarter the Registrar will send the parent or guardian a report of each freshman in addition to the regular report at the end of each quarter.

DEAN'S LIST

The Dean's List is announced once a year in the Fall Quarter on Honors Day and is determined by a student's record on the three quarters of the preceding regular session.

For freshmen and sophomores the Dean's List is the upper 5 per cent (on the basis of grades) of the total number of freshmen and sophomores computed irrespective of the school or college in which the student is registered. For juniors and seniors the Dean's List is computed separately for each school or college group and consists of the upper 5 per cent of each group.

Any student's name will also be placed on the Dean's List who makes an average grade of A on the previous year's work.

The Dean's List announced at any Honors Day shall hold good for the current college year.

The Dean of Administration may at any time remove a student's name from the list if the calibre of his work falls markedly below the Dean's List standard or if his absence privileges are abused. No student's name will be allowed to remain on the current list who receives a failing grade in any course. A student while on the current Dean's List may be allowed the privilege of scheduling extra work to a maximum of 21 hours. (See Extra Load of Work Rule). A student on the current Dean's List is not subject to all the regulations limiting absences from classes, but he must attend all laboratory work, take all examinations, and perform all written work under the same conditions as all other students. His total absences, however, cannot exceed 50 per cent of total classes offered.

ATTENDANCE

While in residence each student is required to attend regularly all lectures and other prescribed exercises in the courses which he pursues, or else suffer such penalties as may be imposed for unexcused absences.

A student has no right to be absent from any exercise in a course for which he is registered except when he is ill or has been officially excused by the Dean in accordance with rules and regulations of the University.

An excuse for absence does not in any way relieve the student from responsibility for the work of the class. If in any quarter a student becomes subject to probation both for attendance and for low scholastic standing he may be dropped from the University.

Any student in the University who absents himself from any class or exercise on the day preceding or the day following any holiday or the first day of the Winter or Spring Quarter and who does not have a valid excuse for such absence shall pay a fine of \$3.00.

EXCLUSION FOR POOR SCHOLARSHIP

The minimum scholarship standards for remaining a student in the University are given in detail in the student hand-book of rules and regulations. Under these regulations a number of students are excluded from the University each year.

The University does not feel that it can be a patron of inefficiency, or waste its limited resources by retaining students who cannot or will not profit by the instruction offered.

INDEPENDENT STUDY

Distinctly superior students may be exempted from some of the usual regulations governing class attendance and examinations, and from some of the specified degree requirements, and allowed to pursue independent study.

To be considered candidate for a degree under this independent study plan, a student must meet the following conditions:

(1) His scholastic record during the two quarters preceding his application must have been such as to place him on the Dean's List.

(2) He must present to the Executive Committee, for approval, a complete proposed program of work leading to the degree. This program must include a list of courses he proposes to complete in class, those he proposes to complete by private study, and work other than course work he proposes to do. The time taken to complete this program must not be less than the time that would be required to complete his requirements under the normal procedure.

(3) The proposed program would be prepared with the advice of the professor in whose subject the student proposes to do his major work and must have the written approval of this major professor and the head of the department in which his major lies. It must, in addition, have the written approval of the Dean of Administration and the dean or director of the college or school in which the degree falls. These assume the major responsibility for the student's scholastic preparation for the program and the educational adequacy of the program. In case any specified degree requirements are to be waived the program must have the written approval of the chairman of the division in which the waived subject is listed.

(4) The work of the student will be supervised by his major professor. In case the student's work is unsatisfactory at any time, the independent study privilege will be removed and work resumed under the regular plan, due credit being given for work completed.

(5) At the end of the senior year comprehensive examinations covering the candidate's chosen field will be given to test his mas-

tery of the field. Results of these examinations shall determine the credit to be awarded for independent study and in case of marked excellence the department may recommend the candidate for graduation with departmental honors.

(6) The program, when approved by the Executive Committee, becomes the requirement for the degree and may not be changed except by the procedure outlined for its adoption.

(7) For purposes of transcript records in the Registrar's office, the work completed will be evaluated as nearly as practicable in terms of course credits.

CHANGES IN REGISTRATION

A student desiring to drop a subject once taken up, or to take up a new subject, after his study list has been filed, must do so only with permission from the Dean's office. For Junior Division students this in general involves obtaining the signature of the Administrative Dean or his representative on a drop card. In the case of Senior Division students the signature of the professor whose course is to be taken, the signature of the student's major professor and that of the Dean of his college or school are in general necessary for a change, in addition to the signature of the Administrative Dean. The fee for any change of schedule is \$1.00. This is a service fee and can be waived only by the Administrative Dean and only for exceptional reasons such as actual errors by an authorized scheduling officer, adding an extra course by reason of the attainment of the extra course privilege by high grades, assignment to NYA jobs and serious illness. Change due to failure in a course does not constitute a valid reason for fee exemption. Each student is responsible for seeing that each course scheduled is at an hour where the official schedule shows a section of the course. All changes in courses for a succeeding quarter must be made at least two weeks before the close of the current quarter at the place and time designated by the Administrative Dean. Changes in schedule of courses made after this time may incur a fee of \$3.00. No changes thereafter can be made except those made necessary by failure grades, the mistake of an official of the University, the extra course privilege won by the student, and in exceptional cases such changes as may be authorized by the Dean of Administration.

In case a course is dropped where a student is not clearly doing work of a passing grade, a failing mark WF is recorded. In general no courses are removed from a student's study list during the last five weeks of a quarter.

Students are not permitted to enter new classes after 20 per cent

of the total scheduled work of the quarter has elapsed. All work missed due to registering late for a class must be made up to the satisfaction of the instructor. Exceptions to the 20 per cent rule may be made in case it can be shown that the student has already covered the subject matter covered in the class to the date of entrance.

By re-registering in a subject for which he has received credit either by class work at the University or by advanced standing for work done elsewhere, a student forfeits the credit, and the final grade given in the course is the one made in the repetition.

A student dropping a course without the permission of the Dean has violated the regulations of the University and is subject to disciplinary action.

SCHEDULE OF COURSES

A schedule of courses for the academic year 1940-1941, giving details as to the quarters in which the courses will be given and the hour of day at which the various classes meet, will be mailed to applicants upon request to The Department of Public Relations.

CHECKING FOR GRADUATION

Any senior expecting to complete requirements for graduation during any quarter is required to check his program for graduation with the Registrar before the close of the preceding quarter. No claims for adjustment of grades or errors in record of previous quarters will be considered thereafter.

COLLEGE OF ARTS AND SCIENCES

GENERAL

The object of the College of Arts and Sciences is to offer to its students a liberal education. Technical and vocational schools turn out experts and specialists. Professional schools may train doctors, lawyers and teachers. Liberal Arts Colleges undertake to develop *men and women*.

The College of Arts and Sciences aims primarily at the training and development of the individual. It seeks to give him an appreciation of the social, economic and cultural forces which have shaped the world in which he lives. It undertakes to subject a student to those disciplinary processes which aid him in his quest for wisdom, sagacity, judgment and a philosophical state of mind. It strives to develop within the individual a resourcefulness which will enable him to adapt himself to all conditions and to grapple intelligently with the unknown problems which an unknowable future is certain to bring.

In stressing the cultivation of the individual, the Liberal Arts College does not lose sight of the welfare of society as a whole. It is merely recognizing the incontrovertible fact that society is made up of individuals and no society is better than the individuals who compose it. Social harmony and social progress are achieved by the enlightened efforts of wise and unselfish individuals.

Although the training of the Liberal Arts College is not vocational or professional in its nature, such training is the best possible preparation for later professional or scientific study. The Liberal Arts student acquires attitudes of mind and powers of analysis and discrimination which aid him greatly in mastering advance professional courses. Indeed, such training is so helpful that many professional schools will accept as students only those persons who have already devoted a certain period to study of the liberal arts. Both the Law School of the University in Athens and the Medical School in Augusta stress the advantage of a good general education, such as that offered by a liberal arts curriculum, before starting upon professional work. The Law School requires two years and recommends three years before admission, and the Medical School requires three years and recommends four years of preliminary college training.

The College of Arts and Sciences (Franklin College) consists of five divisions, as follows:

DIVISION OF LANGUAGE AND LITERATURE, which includes the departments of English, Greek, German, Latin, and Romance Languages.

DIVISION OF SOCIAL SCIENCES, which includes the departments of Economics, Geography, History and Political Science, Philosophy, and Sociology.

DIVISION OF PHYSICAL SCIENCES, which includes the departments of Chemistry, Mathematics, Geology, and Physics and Astronomy.

DIVISION OF BIOLOGICAL SCIENCES, which includes the departments of Botany, Psychology, and Zoology.

DIVISION OF FINE ARTS, which includes the departments of Art, Music, Landscape Architecture, and Dramatic Art.

The College has a Dean as the main administrative officer and each of the above Divisions has a Director who supervises the work of the departments in his Division.

The degrees offered in the College are: Bachelor of Arts, for which the major division must be Languages and Literature, Social Sciences, Biological Sciences, or Physical Sciences; Bachelor of Science, for which the major division must be Physical Sciences or Biological Sciences; Bachelor of Science in Chemistry, for which the major subject must be Chemistry; and Bachelor of Fine Arts, for which the major division must be Fine Arts.

Closely affiliated with the College of Arts and Sciences, but not administered in it except for the work of the Junior Division, are the following schools: the Peabody College of Education, the School of Commerce, the Henry W. Grady School of Journalism, and the School of Home Economics.

THE UNIFORM JUNIOR DIVISION PROGRAM

The work of the Junior Division of the College of Arts and Sciences and its affiliated colleges and schools is designed to give the student a background of a broad general education. Therefore, about two-thirds of the program is common to all degrees and consists of courses in the main fields of knowledge.

In the field of the natural sciences are included a general course in human biology, health and hygiene and a course of the survey type in the physical sciences of astronomy, chemistry, geology and physics. The required course in elementary mathematics stresses those principles likely to be useful to any educated citizen. In the social sciences is included a course of the survey type treating the social, economic and political factors influencing our present and past civilizations and a course discussing these factors as they apply particularly to the State of Georgia. In the humanities are included

the usual elementary course in English composition and rhetoric and a course of the survey type in world literature and the fine arts; college courses in one or more foreign languages are also required. Courses in Military Science for men or Physical Education for women are required of all students not physically disqualified throughout the freshman and sophomore years. In addition to the above program common to all degrees there are additional course requirements, dependent upon the degree towards which the student is working. In the degrees, Bachelor of Arts and Bachelor of Science, about half the sophomore program is open for electives along the lines of a student's interests.

SENIOR DIVISION PROGRAMS

On registering in the Senior Division a student must select the degree for which he is a candidate, the division in which he will take his major work and the subject in this major division in which he will take the major part of his work. The professor in charge of the student's major subject is known as the student's major professor and adviser, and all courses constituting the student's Senior Division program (both required and elective courses) must be approved by this adviser. When approved by the Dean of the College of Arts and Sciences this program becomes a requirement for the degree unless modified later by the adviser and the Dean. All approvals to be official must be in writing and filed in the Registrar's records.

The major concentration programs for the degrees of Bachelor of Fine Arts and Bachelor of Science in Chemistry are shown later under degree requirements. The major concentration programs for the degrees of Bachelor of Arts and Bachelor of Science must include the minimum requirements, applicable to all programs, such additional requirements must be included as are designated by each division or department.

REQUIREMENTS FOR THE MAJOR CONCENTRATION WORK FOR BACHELOR OF ARTS AND BACHELOR OF SCIENCE

A minimum number of 40 hours credit in courses bearing Senior Division numbers (excluding all specific Junior Division subject or group requirements) must, in general, be taken from the student's major division after he reaches Senior Division standing. However, if courses with credit value of 10 or more hours (excluding all specific Junior Division subject or group requirements) have been taken in the major division in Junior Division numbers or in Senior Division numbers before the student reaches Senior Division

standing, the minimum of credit hours may be reduced by 5 for each 10 hours so taken but not below a total of 25. In general the number of credit hours in Senior Division numbers in the major *subject* must be at least 20 but this number may be reduced to 15 under conditions stated above for reduction of the division minimum. By special action of the Dean and Major Professor in some cases this number is reduced to 10. By special action by the Dean and Major Professor in some cases a combined divisional major may be offered, part from the Biological Science division and part from the Physical Science division, or one may be authorized part from the Social Science division and part from the Language-Literature division.

MODIFICATIONS OF DEGREE REQUIREMENTS FOR TRANSFER STUDENTS

The modifications apply to any student who transfers into the University from other institutions with junior standing and also for students transferring within the University from one degree to another with junior class standing, provided that in this case no modification shall be made exempting a student from a Junior Division course required in the degree for which he was a candidate, if this course were omitted contrary to the regulations demanding that required courses be taken before elective courses are allowed.

The total mathematics-science requirements for the A.B. degree may be met by 5 credit hours in mathematics and 20 credit hours in science courses, all of which carry individual laboratory work.

The total social science requirements for the A.B. and the B.S. degrees may be met by Social Science 4, 5 hours, and 15 other credit hours in social science courses, provided transfer credit has been allowed for no more than 5 credit hours in social science courses.

MODIFICATIONS FOR TRANSFER STUDENTS IN THE A.B. DEGREE

The total requirement for the foreign language group for the A.B. degree is reduced from 40 hours (combined in high school and college) to 30 hours for students who transfer as junior with less than 10 hours in foreign language (in high school or college) to their credit,

BACHELOR OF ARTS DEGREE

While this degree points to no specific vocation or profession, it aids the student in making a wise choice of his field of special study and his life work. The major division may be Language and Literature, Social Science, Physical Sciences or Biological Sciences.

JUNIOR DIVISION REQUIREMENTS

FRESHMAN		SOPHOMORE	
	Hours		Hours
Social Science 1 a-b-c	9	Social Science 4	5
*Physical Science 1-2		*Human Biology 1-2	
or		or	
*Human Biology 1-2	10	*Physical Science 1-2	10
English 2 a-b-c	9	Humanities 1 a-b-c	9
*Mathematics 20	5	Arts and Science electives	15 or 14
†Foreign Language	10	General electives	9 or 10
Military Science (men)		Military Science (men)	
or		or	
Physical Education (women)	5	Physical Education (women)	5
Elective	5		
	53		53

TOTAL REQUIREMENTS

	Hours
(1) Social Science 1 a-b-c	9
Social Science 4	5
(2) *Physical Science 1-2	10
Human Biology 1-2	10
Mathematics 20	5
(3) English 2 a-b-c	9
Humanities 1 a-b-c	9
(4) Military Science (men)	
or	
Physical Education (women)	10
(5) Major Concentration (as previously outlined on page 85).	
(6) FOREIGN LANGUAGE REQUIREMENTS FOR THE A.B. DEGREE. Courses of credit value of at least 40 hours (combined in high school and col-	

* Students who take the mathematics-science freshman placement examinations and make a sufficiently high score on any course to justify the assumption that they have essentially mastered this course will be exempt from the course as a degree requirement. In such case no credit hours are allowed for the course, but a general elective is substituted for it. If a student is exempted under this provision from courses carrying more than 10 credit hours the substituted courses over 10 hours must be in mathematics-science.

† Courses of credit value of at least 25 hours (combined in high school and college) from French, German, Greek, Latin, Spanish are required. Each high school unit reduces the total by 5. At least 10 hours in college courses must be taken and at least one language must be taken through course number 103.

While Spanish may be used to satisfy the modern language requirement, French or German is recommended for all students except those who have definite reasons for thinking they will need Spanish. French or German should be taken by all students contemplating graduate work in any field or those who are contemplating professional work in science, including medicine.

lege) from French, German, Greek, Italian, Latin, Spanish, with at least 20 hours in college. The total must include the following two groups:

- (1) French or German or Spanish—one language through course Number 103 with at least 10 hours in college.
- (2) (a) Latin or Greek—one language through course Number 103 with at least 10 hours in college.
or
(b) Studies in Classical Culture to the extent of 9 hours, plus an additional 5 hour continuation course in modern language, provided this additional course is necessary to bring the student's hours up to the required minimum of 40.
or
(c) Greek 356-357, Greek Literature in Translation and Latin 458, Latin Literature in Translation, 15 hours.
or
(d) Mathematics to the extent of 15 hours in college.

If this option is chosen, the total language requirement in high school and college is reduced to a minimum of 30 hours.

(7) MATHEMATICS-SCIENCE DIVISION. The total requirements include, in addition to the Junior Division requirements listed, science courses requiring laboratory of credit value of 10 hours or science courses requiring laboratory of credit value of 5 hours and 5 hours of mathematics.

(8) SOCIAL SCIENCE DIVISION. The total requirements include, in addition to the Junior Division requirements listed, courses from the social science division requiring at least 10 credit hours.

(9) ELECTIVES. A sufficient number to bring the total number of credit hours to not less than 196.

In general, all courses in the University are open as electives. However, not more than 15 hours credit will be allowed for professional courses in the professional schools. In Education, however, a maximum of 30 hours will be allowed for those students desiring to meet the requirements set by the State of Georgia for a teacher's license. These Education courses must be logically related and the student's choice of courses must be approved by the Dean of the College of Education.

NOTE. In case a student elects to take a three course sequence in Greek, his total requirements for the degree are reduced to 191 hours.

CURRICULUM IN ARTS AND LAW

(A Six-Year Combined Curriculum)

The curriculum outlined here is provided for students who wish to combine the Arts and Law courses and secure the degree of Bachelor of Arts and the degree of Bachelor of Laws in less than the regularly prescribed time of seven years. To have the benefit of this combined course, students must meet all the requirements, prescribed

and elective, for both degrees. The student will be granted the degree of Bachelor of Arts at the end of the fourth year, or as soon as he has completed the work specified and the proper number of elective courses from the Law School curriculum. The degree of Bachelor of Laws will be conferred upon the completion of the work of the Law School. The following is the combined curriculum in Arts and Law:

JUNIOR DIVISION REQUIREMENTS

The completion of the Junior Division program of studies as prescribed for candidates for the Bachelor of Arts degree.

SENIOR DIVISION REQUIREMENTS

In the College of Arts and Sciences a sufficient number of Senior Division courses must be completed to satisfy all the specific requirements for the degree of Bachelor of Arts with sufficient elective courses from arts and science courses to bring the total to a minimum of 151 credit hours. However, in case the major concentration work is in the Social Science Division a minimum of Senior Division courses in the major division of credit value of 30 hours with 15 hours in the major subject will meet the requirement. Three quarters of residence work devoted exclusively to arts and science courses will be required after admission to the Senior Division. None of these 45 required Senior Division hours can be taken other than in residence at Athens and none can be taken while a student is pursuing his studies in the Law School.

In the Law School a sufficient number of courses taken as electives to bring the total credit for the degree to 196 hours.

FOREIGN OR OTHER GOVERNMENT SERVICE

For those who are preparing for foreign or other government service of the United States, the Bachelor of Arts degree with major concentration in the Social Science Division is recommended. Electives should be carefully chosen after consultation with the Dean of the College and Director of the Social Science Division.

BACHELOR OF SCIENCE DEGREE

The program of studies and objectives of the Bachelor of Science degree are very similar to those of the Bachelor of Arts degree, with less emphasis on the Foreign Languages and more on Mathematics and Natural Science. The major division must be Physical Science or Biological Science.

JUNIOR DIVISION REQUIREMENTS

The Junior Division requirements are the same as for the Bachelor of Art degree with the exception that the foreign language in college must be French or German and two of the sophomore elective courses should be in either the Physical Science or the Biological Science division.

TOTAL REQUIREMENTS

	Hours
(1) Social Science 1 a-b-c	9
Social Science 4	5
(2) *Physical Science 1-2	10
Human Biology 1-2	10
Mathematics 20	5
(3) English 2 a-b-c	9
Humanities 1 a-b-c	9
(4) Military Science (men)	
or	
Physical Education (women)	10
(5) Major Concentration (as previously outlined on page 85).	
(6) Foreign Language—courses of credit value of at least 25 hours (combined in high school or college) from French or German, Greek, Latin, Spanish are required. Each high school unit reduces the total by 5. At least 10 hours in college courses must be taken and at least one language must be taken through course Number 103.	

While Spanish may be used to satisfy the modern language requirement, French or German is recommended for all students except those who have definite reasons for thinking they will need Spanish. French or German should be taken by all students contemplating graduate work in any field or those who are contemplating professional work in science, including medicine.

(7) MATHEMATICS-SCIENCE DIVISION. The total must include Mathematics 21 or equivalent Mathematics in addition to Mathematics 20 and a double course of 10 hours from Zoology or Botany in addition to Human Biology 1-2 and a double course of 10 hours from Chemistry, Geology or Physics in addition to Physical Science 1-2.

(8) SOCIAL SCIENCE DIVISION. The total requirements include, in addition to the Junior Division requirements listed, courses from the Social Science Division requiring at least 10 credit hours.

(9) ELECTIVES. A sufficient number to bring the total number of credit hours to not less than 196. In general all courses offered in the University are open as electives. However, not more than 15 hours elective credit will be allowed for professional courses in the professional schools. In Education, however, a maximum of 30 hours will be allowed for those students desiring to meet the requirements set by the State of Georgia for a high school teacher's license. These education courses must be logically related and the student's choice of courses must be approved by the Dean of the College of Education.

* See footnote under Junior Division of A.B. degree.

CURRICULUM IN SCIENCE AND LAW

(Six-Year Combined Curriculum)

The requirements for this curriculum are the same as previously described for the combined degree in Arts and Law with the difference that all the specified requirements for the Bachelor of Science degree must be completed.

CURRICULUM IN SCIENCE AND MEDICINE

(Seven-Year Combined Curriculum)

This curriculum enables a student a complete the work required for the degree of Bachelor of Science and the degree of Doctor of Medicine in seven years. On the completion of the three years work outlined below and the work required in the first year of the Medical School at Augusta the student will receive the degree of Bachelor of Science. The degree of Doctor of Medicine will be conferred upon the completion of the work of the Medical School.

PRE-MED PROGRAM

FRESHMAN		SOPHOMORE	
	Hours		Hours
English 2 a-b-c	9	Zoology 25-26	10
Social Science 1 a-b-c	9	Chemistry 340 a-b	10
Mathematics 20	5	Physics 20	5
Human Biology 1-2	10	Mathematics 21 or 356	5
Chemistry 21-22-23	15	Social Science 4	5
Military Science (men)		†French or German	10
or		Military Science (men)	
Physical Education 1 (women) 5		or	
		Physical Education 2 (women) 5	
	—		—
	53		50

JUNIOR

	Hours
Humanities 1 a-b-c	9
Physics 25-26	10
‡To complete science major	15
§Electives	14
	—
	48

‡ Students planning to enter the Medical School at Augusta will be required to take Chemistry 380 as part of their science major. A number of other medical colleges require this course specifically.

† The foreign language requirement is the same as for the B.S. degree.

§ These electives must include not less than 5 hours in the Social Science Division and Foreign Language to complete requirements as under footnote above.

MINIMUM REQUIREMENTS SET BY THE AMERICAN MEDICAL ASSOCIATION FOR ADMISSION TO APPROVED MEDICAL COLLEGES

These requirements include only two years of preliminary college work and are satisfied by the following University of Georgia courses: Chemistry 21-22-23, 340 a-b; Zoology 25-26, or Botany 21-22; Physics 20-25-26; English 2 and 4 a-b-c; Mathematics 20; electives from non-science subjects four courses. While in special cases the University will register a student for this program, it is not recommended, as its completion will not admit to any medical colleges in Georgia or to many standard colleges in the United States. In all cases two years of Military Science work (Military Science 1-2) is required of all male students where not excused for physical disability or other reasons by the Dean and Commandant.

CURRICULUM IN SCIENCE FOR PRE-MEDICAL TECHNOLOGISTS

This is a program of study leading to the Bachelor of Science degree arranged to provide in the first three years' work the background for a medical technician's course. The University of Georgia does not offer a professional "technician" course.

FRESHMAN		SOPHOMORE	
	Hours		Hours
English 2 a-b-c	9	French or German	10
Social Science 1 a-b-c	9	Zoology 25-26	10
Human Biology 1-2	10	Chemistry 340 a-b	10
Chemistry 21-22-23	15	Physics 20	5
Mathematics 20	5	Mathematics 21 or 356	5
Military Science 1 (men)		Social Science 4	5
or		Military Science 2 (men)	
Physical Education 1 (women)	5	or	
		Physical Education 2 (women)	5
	53		50
JUNIOR		SENIOR	
	Hours		Hours
Humanities 1 a-b-c	9	Electives so chosen as to com-	
Physics 25-26	10	plete requirements for the	
Bacteriology	5	Bachelor of Science degree.....	45
Social Science (Sociology 307			
and Psychology 1 recom-			
mended)	10		
Chemistry 380	5		
Electives	9		
	48	Total	196

BACHELOR OF SCIENCE IN CHEMISTRY

This degree course offers training in the field of chemistry and its allied sciences for students who desire to enter commercial or government laboratories, to enter the teaching profession, to become associated with chemical industries in a non-technical position, or to pursue graduate work in chemistry in order to enter some field of research or college teaching.

JUNIOR DIVISION REQUIREMENTS

FRESHMAN	Hours	SOPHOMORE	Hours
Social Science 1 a-b-c	9	Physics 20	5
English 2 a-b-c	9	Social Science 4	5
Chemistry 21-22-23	15	German 101-102-103	15
French 101-102-103	15	Chemistry 340 a-b, 380	15
Military Science 1B (men)		Mathematics	5
or		Military Science 2 B (men)	
Physical Education 1 (women)	5	or	
		Physical Education 2 (women)	5
	53		50

An average of B or better is required on all freshman and sophomore work in order to register in the Senior Division for this degree.

TOTAL REQUIREMENTS

SOCIAL SCIENCE—19 hours. Social Studies 1-2-4 and one other.

FOREIGN LANGUAGE—through French 3 and through German 3 (combined high school and college)

MATHEMATICS—through Mathematics 355.

ENGLISH—19 hours—English Composition and Literature.

*PHYSICS—15 hours—Physics 25-26 and one other.

CHEMISTRY—77 hours—Chemistry 21-22-23-340 a-340 b-380-480-440-441 or 481, 490 a-490 b, two of 420-421-422, two others (usually in the Division of Chemistry of the students' major and minor interests.)

COMPREHENSIVE EXAMINATION. The passing of a comprehensive examination (embracing the principal divisions of chemistry). This examination to be taken toward the end of the senior year.

MILITARY SCIENCE OR PHYSICAL EDUCATION—10 hours—Military Science 1-2 or Physical Education 1-2.

ELECTIVES—A sufficient number of hours to make a total of not less than 196 hours.

* Should a student enter the University without high school Physics, satisfactory to the physics department, he will take Physics 20, 25, and 26 in order to fulfill this requirement.

DIVISION OF FINE ARTS

The Division of Fine Arts is administered by the College of Arts and Sciences. It includes Music, Art, Dramatic Art, and Landscape Architecture. The function of this Division is to give training in appreciation, to help students form standards of taste, to promote culture in the entire community, and to train specialized performing artists and teachers. To accomplish these objectives this department collaborates with other departments, especially those of Languages, Education, and Home Economics. In the College of Arts and Sciences curricula of four years are offered, with a major in Music, Art, and Landscape Architecture.

DEPARTMENT OF MUSIC

Junior Division courses for a major in music include the regular academic courses in addition to courses in elementary theory, and harmony. These courses are designed to give the student a practical knowledge of the theory of music, ear training, and harmony. The Senior Division courses are designed to give the student a broader and more cultural background in music. A limited number of practical courses in music may be taken for credit. See explanation at the end of course announcements in Music.

The extra curricula work of the music department is outstanding. The Men's Glee Club made their thirtieth annual tour in the Spring of 1940. The Women's Glee Club with the Men and the Little Symphony Orchestra presented the oratorio "Elijah" in Athens and Atlanta.

BACHELOR OF FINE ARTS—MAJOR IN MUSIC

JUNIOR DIVISION REQUIREMENTS

FRESHMAN		SOPHOMORE	
	Hours		Hours
Social Science 1 a-b-c	9	Social Science 4	5
*Physical Science 1-2		*Human Biology 1-2	
or		or	
*Human Biology 1-2	10	*Physical Science 1-2	10
*Mathematics 20	5	Humanities 1 a-b-c	9
English 2 a-b-c	9	†Foreign Language	10
English 2 a-b-c	9	Military Science (men)	
Military Science (men)		or	
or		Physical Education (women) ..	5
Physical Education (women) ..	5	Music 22	5
Music 2	5	Music 32 a-b	6
Music 1	5	Music 33	3
Music 31	5		
	53		53

† A limited number of such courses can be taken for credit (see course announcements). The total is limited to four courses, not more than one for each academic year.

* See footnote A.B. Junior Division requirements.

† The foreign language requirements are the same as those for the Junior Division in the Bachelor of Arts degree. See footnote, page 79.

SENIOR DIVISION REQUIREMENTS

The major concentration in Music consists of the following courses:

	Hours
Music Literature Courses: 340, 341, 342, 353, 356, 357, 360, 361	24
Music Theoretical Courses: 370	5
Public School Music	5
Art	5
English 420-422 (or two other approved courses)	10
Greek Literature 456-457	10

59

ELECTIVES—A sufficient number of hours to make a total of not less than 90 hours in the Senior Division and 196 altogether. Music 373 and Music 371 are recommended as well as courses in Fine Arts. English, History and Foreign Languages.

Total requirements for degree—196 hours.

In addition to the above, performance satisfactory to the director is required in Piano, Organ, Violin or Voice.

THE DEPARTMENT OF ART

The aim of the Department of Art is to provide training in the fundamental principles of the creative visual arts as well as the study of art history and appreciation. This basic training combined with the liberal education provided in the Junior Division, thoroughly prepares the student to develop in the professional field. Those not professionally inclined will gain a broad, cultural education.

In the Junior Division 24 hours of art are required in addition to the general academic requirements. These Junior Division courses, which form a well-balanced program of study, prepare students for the more advanced art courses offered in the Senior Division.

On entering the Senior Division the student selects his major field of concentration. The four majors are Painting and Drawing, Design and Crafts, Commercial Art, and Art Education. Electives for the completion of the minimum 196 hours in both Junior and Senior Divisions, are required for the degree of Bachelor of Fine Arts.

BACHELOR OF FINE ARTS—MAJOR IN ART JUNIOR DIVISION REQUIREMENTS

FRESHMAN		SOPHOMORE	
	Hours		Hours
English 2 a-b-c	9	Humanities 1 a-b-c	9
Social Science 1 a-b-c	9	*Physical Science 1-2	
*Physical Science 1-2		or	
or		*Human Biology 1-2	10
*Human Biology 1-2	10	†Foreign Language	10
*Mathematics 20	5	Landscape Architecture 14	3
Art 30	5	Art 41	3
Art 40	5	Art 51	3
Art 50	5	Social Science 4	5
Military Science (men)		Military Science (men)	
or		or	
Physical Education (women)	5	Physical Education (women)	5
		Electives	5
	—		—
	53		53

SENIOR DIVISION REQUIREMENTS

After completion of the Junior Division requirements all students entering the Senior Division select their major field of concentration from one of the following:

I. ART EDUCATION

JUNIOR		SENIOR	
	Hours		Hours
Art 211 (Design)	5	Art 212 (Design)	5
Art 221 (Drawing)	5	Art 222 (Drawing)	5
Art 270 (Modelling)	5	Art 315 (Art Education)	5
Art 281 (History of Art)	5	Art 210 (Lettering)	5
Art 282 (History of Art)	5	Art 241 (Water Color)	5
Art 283 (History of Art)	5	Art 435 (Gr.) 635 (Art Struc- ture)	5

Electives to complete 196 hours.

II. COMMERCIAL ART

JUNIOR		SENIOR	
	Hours		Hours
Art 211 (Design)	5	Art 209 (Commercial Design)	5
Art 221 (Drawing)	5	Art 207 (Illustration)	5
Art 222 (Drawing)	5	Art 231 (Oil)	5
Art 223 (Drawing)	5	Art 241 (Water Color)	5
Art 210 (Lettering)	5	Art 202 (Composition)	5
Art 270 (Modelling)	5	Art 282 (History of Art)	5
Art 281 (History of Art)	5	Art 283 (History of Art)	5
Journalism 357	5		

Electives (courses recommended in Commerce and Journalism) to complete 196 hours.

* See footnote A.B. Junior Division requirements, page 87.

† The foreign language Junior Division requirement is the same as for the A.B. degree. See footnote, page 87.

III. DESIGN AND CRAFTS

JUNIOR		SENIOR	
	Hours		Hours
Art 210 (Lettering)	5	Art 212 (Design)	5
Art 211 (Design)	5	Art 241 (Water Color)	5
Art 221 (Drawing)	5	Art 282 (History of Art)	5
Art 222 (Drawing)	5	Art 283 (History of Art)	5
Art 270 (Modelling)	5	Art 213 (Design)	5
Art 281 (History of Art)	5		
Art 286 (Historic Ornament)....	5		

In addition to the above, three five hour courses in pottery or crafts are required.

Electives to complete 196 hours required for degree.

IV. PAINTING AND DRAWING

JUNIOR		SENIOR	
	Hours		Hours
Art 211 (Design)	5	Art 202 (Composition)	5
Art 221 (Drawing)	5	Art 232 (Painting)	5
Art 222 (Drawing)	5	Art 233 (Painting)	5
Art 223 (Drawing)	5	Art 234 (Painting)	5
Art 270 (Modeling)	5	Art 242 (Water Color)	5
Art 281 (History of Art)	5	Art 283 (History of Art)	5
Art 282 (History of Art)	5		
Art 231 (Painting)	5		
Art 241 (Water Color)	5		

Electives to complete 196 hours.

DEPARTMENT OF LANDSCAPE ARCHITECTURE

Landscape Architecture deals with the improvement of land for human use and enjoyment. It includes the design, construction, planting and maintenance of farmsteads, estates, and other home grounds, public parks, cemeteries, school grounds, country clubs and golf courses, and subdivisions, city planning, and other planning problems.

This course aims, first, toward the general education as a foundation for the professional practice, and, second, toward the preparation of men under southern conditions for this work in the South.

BACHELOR OF FINE ARTS—MAJOR IN LANDSCAPE ARCHITECTURE

JUNIOR DIVISION REQUIREMENTS

FRESHMAN	Hours	SOPHOMORE	Hours
Social Science 1 a-b-c	9	Social Science 4	5
*Physical Science 1-2		Human Biology 1-2	
or		or	
Human Biology 1-2	10	Physical Science 1-2	10
Mathematics 20	5	Humanities 1 a-b-c	9
English 2 a-b-c	9	†Foreign Language	10
Military Science (men)		Military Science (men)	
or		or	
Physical Education (women)	5	Physical Education (women)	5
Landscape Architecture 11	5	Landscape Architecture 13	3
Landscape Architecture 12	5	Landscape Architecture 70	3
Art 50	5	Art 51	3
		Elective	5
	53		53

SENIOR DIVISION REQUIREMENTS

JUNIOR	Hours	SENIOR	Hours
Land. Arch. 350 (Construction)	5	Land. Arch. 353 a-b (City Plan- ning)	6
Land. Arch. 351 (Trees and Shrubs)	5	Land. Arch. 354 (Plant Design)	5
Land. Arch. 352 (Plant Ma- terials)	5	Land. Arch. 355 (Thesis)	5
Land. Arch. 356 a-b (Landscape Design)	6	Land. Arch. 357 a-b (Adv. De- sign)	6
Land. Arch. 370 b (Theory of Landscape Design)	3	Land. Arch. 360 (History of Architecture)	5
Art 221 (Drawing)	5	Art 222 (Drawing)	5
Horticulture 1	5	Art 241 (Water Color)	5
Forestry 364	3	Speech 1	5
Agr. Eng. 13 (Surveying)	5	Elective	3
Elective	3		
	45		45

Total requirements for degree—196 hours.

TRIPS

A trip of a week's extent will be taken on alternate years by Senior Division majors to Flat Rock and Asheville, N. C., and Smoky Mountains National Park, and to Thomasville, Ga., and points in Florida for purpose of study and observation. Week-end trips will be made to Augusta, Atlanta, and LaGrange, Ga., and Aiken and Charleston, S. C.

* See footnote under A.B.

† The foreign language Junior Division requirement is the same as for the Bachelor of Arts degree, see footnote, page 87.

DEPARTMENT OF DRAMATIC ART

This is a new department, offering courses in the history of the theater, acting, and technical phases of dramatic production. Students interested in this course should take the Bachelor of Arts Junior Division program with Dramatic Art 30 as freshman elective and other dramatic art courses in the sophomore year.

For courses in this department see course announcements in back of catalogue.

ANNOUNCEMENTS CONCERNING SCHOOLS AND COLLEGES OTHER THAN THE COLLEGE OF ARTS AND SCIENCES

Each of the Schools and Colleges whose degree requirements are listed below publishes a special bulletin describing its work, equipment, degree requirements and courses of instruction in more detail than the brief statement included here. Such bulletins will be sent on request by the Department of Public Relations, The University of Georgia, or the School or College concerned.

SCHOOL OF LAW BACHELOR OF LAWS REQUIREMENTS FOR DEGREE

The degree offered by the School of Law is that of *Bachelor of Laws*. In order to receive this degree, a student must have completed not less than 120 quarter hours of work with a weighted average grade of C.

Second year students must, and third year students may, if they so desire, earn one quarter hour of credit towards the requirements for the degree by registering for and completing an essay on a legal topic to be selected with the approval of a member of the faculty. Every essay must be submitted on or before April 10, must represent a minimum of 40 hours work, and must be approved by three members of the Faculty.

No student may receive a degree without the favorable recommendation of the Faculty and this may be withheld for satisfactory cause although the required work has been completed.

The 120 quarter hours of work on the basis of which a degree is granted must include all the work of the first year, with the exception of Family Relations. The following courses in the work of the second and third years are required: Constitutional Law, Equity, Evidence, Georgia Practice, Practice Court, and Property II. The course in Legal Accounting is required of all second year students except those excused by action of the Faculty.

In order to receive a degree, a student must satisfy not only the requirements specified above but, unless admitted with advanced standing, must have been in attendance at the Law School for nine full quarters. In all cases the work of the three quarters immediately preceding the granting of a degree must be completed in this School.

A student who attends a full summer session is credited with one quarter of residence toward the degree requirements.

A student who has completed three years of work in the College of Arts and Sciences or in the School of Commerce may substitute the first year of work of the Law School for his senior work and thus at the end of his fourth year of study receive the degree of bachelor of arts, bachelor of science or bachelor of science in Commerce. On the successful completion of the two remaining years of work in the Law School he will be entitled to receive the degree of bachelor of laws. A student may in this manner receive in six years both the academic and law degrees.

The academic requirements for these combination degrees are shown in this bulletin under degree requirements of the College of Arts and Sciences for Bachelor of Arts and Bachelor of Science, and under the School of Commerce for Bachelor of Science in Commerce.

Candidates for degrees are required to be present in person when degrees are conferred.

The Faculty of the Law School will, in its discretion, recognize unusual scholastic attainments of genuine distinction by awarding the degree of bachelor of laws *summa cum laude* or *cum laude*.

For courses of instruction in law, see course announcements in back of catalogue.

THE COLLEGE OF AGRICULTURE

The College of Agriculture, the official Land-Grant institution for Georgia, holds membership in the American Association of Land-Grant Colleges and Universities and is officially designated by the United States Office of Education for giving college instruction in agriculture and agricultural engineering.

Created a part of the University in 1872 as the State College of Agricultural and Mechanical Arts, it was made a separate institution in 1906 as the State College of Agriculture. It became a division of the University again in 1933.

BACHELOR OF SCIENCE IN AGRICULTURE

JUNIOR DIVISION REQUIREMENTS

FRESHMAN		SOPHOMORE	
	Hours		Hours
English 2 a-b-c (Grammar and Composition)	9	Mathematics 1	5
Social Science 1 a-b-c	9	English 6 a-b-c	9
Botany 21 (for Agricultural students)	5	Physics 20 (Survey)	5
Poultry 60	5	Botany 22 (for Agricultural students)	5
Chemistry 21-24 (for Agricultural students—General inorganic and applied)	10	Horticulture 1 (General)	5
Animal Husbandry 3	5	Agronomy 10	5
Agricultural Economics 3	5	Agronomy 1	5
Military Science 1	5	Agricultural Engineering 20-60-70	9
		Military Science 2	5
	* 53		53

* AGRICULTURAL STUDENT GUIDANCE. Required of all Freshmen in the College of Agriculture. Fall Quarter. One meeting per week.

A problem course dealing with problems of adjustment to college life; college aims; how to study; nature and importance of agriculture as an industry; significant historical developments in agriculture; present-day economic and social problems and how they are being solved; vocational opportunities in agriculture; nature and purpose of the agricultural curricula; and how to choose courses of study.

SENIOR DIVISION REQUIREMENTS

Major	20 Quarter Hours
To be in Animal Husbandry, Agronomy, Agricultural Economics and Rural Sociology, Horticulture, Poultry, Plant Pathology, Chemistry, Vocational Education or General Agriculture.	
Agricultural Science Selections	20 Quarter Hours
From the following: Bacteriology 350, Plant Pathology 353, Animal Husbandry 382, Plant Pathology 358, Horticulture 355, Mathematics 356, Chemistry 346.	
Minor 1	10 Quarter Hours
Must be in Senior Division of one department in the University.	
Minor 2	10 Quarter Hours
Must be in the College of Agriculture.	
General Electives	30 Quarter Hours
Total	90 Quarter Hours
Total, Junior Division	106 Quarter Hours
Total Course	196 Quarter Hours

BACHELOR OF SCIENCE IN AGRICULTURAL ENGINEERING

JUNIOR DIVISION REQUIREMENTS

FRESHMAN	Hours	SOPHOMORE	Hours
Agricultural Engineering 4 a-b (Engineering Drawing)	6	Agricultural Engineering 11 (Statics)	5
Agricultural Engineering 8 (Descriptive Geometry)	3	Agricultural Engineering 3 a-b (Farm Shop)	6
Chemistry 21 and 24 (Inor- gaic Chemistry)	10	Agricultural Engineering 22 (Soil and Water Conserva- tion)	3
English 2 a-b-c (English Com- position)	9	English 6 a-b-c (Business Eng- lish)	9
Mathematics 30 (Trigonometry)	5	Mathematics 3 (Calculus)	5
Mathematics 4 (Algebra)	5	Physics 27, 28 and 29 (College Physics for Engineers)	15
Mathematics 2 (Analytical Ge- ometry)	5	Agronomy 10 (Principles of Soil Management)	5
Physics 20 (Physics Survey)	5	Military Science 2	5
Military Science 1	5		
	53		53

SENIOR DIVISION REQUIREMENTS

JUNIOR	Hours	SENIOR	Hours
Agricultural Engineering 350 (Statics)	5	Agricultural Engineering 362 (Farm Motors)	5
Agricultural Engineering 351 (Dynamics)	5	Agricultural Engineering 370 (Heat Engineering)	5
Agricultural Engineering 353 (Materials of Construction)	5	Agricultural Engineering 371 (Farm Structures)	5
Agricultural Engineering 355 (Strength of Materials)	5	Agricultural Engineering 372 (Sanitation and Water Sup- ply)	3
Agricultural Engineering 356 (Hydraulics)	5	Agricultural Engineering 384 (D.C. Machinery)	3
Agricultural Engineering 361 (Farm Machinery)	5	Agricultural Engineering 386 (D.C. Machinery)	5
Agricultural Engineering 390 (Engineering Bibliographic Research)	5	Agricultural Engineering 388 (Rural Electrification)	3
Agronomy 1 (Field Crop Pro- duction)	5	Agricultural Engineering Con- centration 404, 405, 406 or 407	3
History 1 (American Govern- ment)	5	Agronomy 320 (Advanced Crop Production) or Animal Hus- bandry 371 (Livestock Pro- duction)	5
Electives	3	Agricultural Economics 301 (Farm Management) or 304 (Marketing)	5
		Electives	6
	48		48

Electives to be chosen with approval of Agricultural Engineering Department.

Total Requirements—202 hours.

THE SCHOOL OF PHARMACY

Established in 1903, the University's School of Pharmacy has taken an active lead in pharmaceutical education in the South. The School holds membership in the American Association of Colleges of Pharmacy and is on the accredited list of the American Council of Pharmaceutical Education.

JUNIOR DIVISION REQUIREMENTS

FRESHMAN		SOPHOMORE	
	Hours		Hours
English 2 a-b-c	9	Chemistry 21-22-23	15
Social Science 1-2 a-b-c	9	Physics 20	5
Human Biology 1-2	10	Pharmacy 3	6
Pharmacy 1	5	Pharmacy 4	6
Pharmacy 2	5	Pharmacy 5	6
Mathematics 20	5	Botany 22 or Zoology 26	5
Botany 21 or Zoology 25	5	Zoology 380	5
Military Science	5	Military Science	5
	53		53

SENIOR DIVISION REJUIREMENTS

JUNIOR		SENIOR	
	Hours		Hours
Chemistry 340 a-b	10	Pharmacy 361	5
Chemistry 380	5	Pharmacy 362	5
Bacteriology 350-351	10	Pharmacy 363	5
Pharmacy 351	3	Pharmacy 364	5
Pharmacy 352	3	Pharmacy 365	5
Pharmacy 353	3	Pharmacy 366	5
Pharmacy 356	5	Pharmacy 367	5
Pharmacy 357	5	Pharmacy 368	5
Pharmacy 358	5	Commerce 6	5
Zoology 309	5		
	54		45

Total requirements, 205 hours.

THE PEABODY COLLEGE OF EDUCATION

Established in 1907 as the School of Education of the University of Georgia, that unit in 1932 was made the Peabody College of Education. Comprised of undergraduate, graduate, research, and service, and the laboratory schools the Peabody College of Education is accredited by the American Association of Teachers Colleges.

REQUIREMENTS FOR THE DEGREE OF BACHELOR OF SCIENCE IN EDUCATION¹

JUNIOR DIVISION REQUIREMENTS

FRESHMAN		SOPHOMORE	
	Hours		Hours
English 2 a-b-c	9	Humanities 1 a-b-c	9
Social Science 1 a-b-c	9	English 8 or Selected Elective....	5
Education 1	5	Social Science 4	5
History 1	5	*Physical Science 1-2	10
*Human Biology 1-2	10	Physical Science for Teachers....	5
Biology for Teachers	5	Art 17	3
*Mathematics 20	5	Music 43	3
Military Science (men)		Military Science (men)	
or		or	
Physical Education (women)....	5	Physical Education (women)....	5
		Electives—must be approved by the Dean of the College of Education	8
	53		53

SENIOR DIVISION REQUIREMENTS

EDUCATION COURSES: 304, 421, 371, 381 or 392, 376-377 30

AREAS OF CONCENTRATION:

1. The following courses are required of all students:

Physical Education 376	5
Rural Economics—Agronomy 310	5
Rural Sociology—Agronomy 431	5
Introduction to Cultural Anthropology—Sociology 327..	5

20

2. Additional hours selected through conference with the
Dean in relation to the field or area of concentration.....40

* Students who take the mathematics-science freshman placement examinations and make a sufficiently high score on any course to justify the assumption that they have essentially mastered this course will be exempt from the course as a degree requirement. In such case no credit hours are allowed for the course, but an approved elective is substituted for it.

Human Biology 1-2 is a prerequisite for the course Biology for Teachers.

Physical Science 1-2 is a prerequisite for the course Physical Science for Teachers.

¹ NOTE: All students who are candidates for this degree are encouraged to offer a minimum of 15 college quarter hours in some foreign language—Latin, French, German, or Spanish. Two years in one foreign language taken in the high school may be substituted for this requirement.

B.S. IN EDUCATION WITH A MAJOR IN PHYSICAL EDUCATION (MEN)

JUNIOR DIVISION REQUIREMENTS

FRESHMAN		SOPHOMORE	
	Hours		Hours
Social Science 1 a-b-c	9	Humanities 1 a-b-c	9
English 2 a-b-c	9	Electives	9
Mathematics 20	5	Human Biology 1-2	10
Physical Science 1-2	10	Social Science 4	5
Education 1	5	Physical Education 43, 44, 45	15
Elective	10	Military Science	5
Military Science	5		
	53		53

SENIOR DIVISION REQUIREMENTS

JUNIOR		SENIOR	
	Hours		Hours
Physical Education 380, 381, 382 or 384, 385, 386	18	Physical Education 384, 385, or 387, 388	10
Education 304, 421	10	Education 381 (plus one other approved)	10
Teaching Minor (in one field)	15	Minor (in same field as Junior Minor)	15
Elective	3	Elective	10
	45		45

Total Requirements for Degree—196 hours.

B.S. IN EDUCATION WITH A MAJOR IN AGRICULTURE (VOCATIONAL EDUCATION)

JUNIOR DIVISION REQUIREMENTS

FRESHMAN		SOPHOMORE	
	Hours		Hours
English 2 a-b-c (Grammar and Composition)	9	Mathematics 20	5
Social Science 1 a-b-c	9	English 6 a-b-c	9
Botany 21	5	Physics 20 (Survey)	5
Poultry 60	5	Botany 22	5
Chemistry 21-24	10	Horticulture 1 (General)	5
Animal Husbandry 3	5	Soils 10	5
Agricultural Economics 1 or 3	5	Farm Crops 1	5
Military Science	5	Agricultural Engineering 20-60- 70	9
		Military Science 2	5
	* 53		
			53

* Agricultural Student Guidance. Required of all freshmen in the College of Agriculture. Fall Quarter. One meeting per week.

SENIOR DIVISION REQUIREMENTS

JUNIOR		SENIOR	
	Hours		Hours
†Science Selection	20	Major	20
Bacteriology 350	5	Education 451	5
Plant Pathology 353		Education 452	5
or		Education 346	5
Animal Husbandry 382	5	Education 347	5
Plant Pathology 358	5	Minor II	10
Horticulture 355	5	as follows:	
Minor I	10	Rural Org. 301	5
as follows:		Soils 458	5
Education 304	5		
Education 421	5		

Other requirements with the approval of the major adviser 30 hours from the following:

	Hours		Hours
Agricultural Engineering 3	5	Poultry Husbandry 362	5
Horticulture 353	5	Horticulture 363	5
Horticulture 401	5	Farm Crops 351	5
Animal Husbandry 373	5	Farm Crops 353	5
Animal Husbandry 371	5	Farm Crops 356	5
Poultry Husbandry 361	5	Education 471	5
Total Senior Division—90 hours.		Forestry 2	5
Total Requirements—196 hours.			

B.S. IN EDUCATION WITH A MAJOR IN HOME ECONOMICS
JUNIOR DIVISION REQUIREMENTS

FRESHMAN		SOPHOMORE	
	Hours		Hours
Home Economics 1 or Education 1	5	Chemistry 21-22-346	15
English 2 a-b-c	9	Physics 20	5
Social Science 1 a-b-c	9	Home Economics 5	5
Art 30	5	Home Economics 22	3
Home Economics 20	5	Humanities 1 a-b-c	9
Human Biology 1-2	10	Social Science 4	5
Psychology 1 or Speech 8	5	Electives	6
Physical Education 1	5	Physical Education 2	5
	53		53

SENIOR DIVISION REQUIREMENTS

JUNIOR		SENIOR	
	Hours		Hours
Education 421 or 504	5	Education 397	5
Education 304	5	Education 346-347	10
Education 396	5	Home Economics 370	5
Home Economics 306	5	Home Economics 350	5
Home Economics 321	5	Home Economics 390	5
Home Economics 351	5	Bacteriology 350	5
Home Economics 375	5	Electives	10
Home Economics 393	5		
Electives	5		
	45		45

Total Requirements for degree—196 hours.

† Mathematics 356, Chemistry 346, or Forestry 2 may be substituted for any course in this group on approval of adviser.

BACHELOR OF SCIENCE IN PHYSICAL EDUCATION FOR WOMEN

JUNIOR DIVISION REQUIREMENTS

FRESHMAN	Hours	SOPHOMORE	Hours
English 2 a-b-c	9	Humanities 1 a-b-c	9
Social Science 1 a-b-c	9	Zoology 25-26	10
Human Biology 1-2	10	Physical Science 1	5
Chemistry 21-22	10	Social Science 4	5
Mathematics 20	5	Education 304	5
Education 1	5	Physical Education 7	5
Physical Education 1	5	Physical Education 19	3
		Physical Education 2	5
		Electives	6
	—		—
	53		53

SENIOR DIVISION REQUIREMENTS

Zoology—309 and 367 (10 hours).

Education—421, 552 or 555; 381; 376-77; Physical Education 366 a-b (30 hours).

Physical Education—352, 353, 360-61 (16 hours); 311, 357, 358, 359, 368, 370, 371, 372, 376, and 384. Minimum of 19 hours.

Electives—

Recommended:

General—Home Economics 351, Public Speaking, Physical Science 1. Additional courses in Education, Psychology, and Physical Education.

Recreation—Drama 333-34-35, Sociology 307, Art, Music.

Physiotherapy—Physics 25-26, Bacteriology 350-51, Zoology 355, 356, 357.

Dance—Music 3, 22, 43, 360, Drama 333-34-35, Art 17, 30 or 281.

SCHOOL OF COMMERCE

The School of Commerce was established in 1912. One of the leading schools of commerce in this section, it is a member of the American Association of Collegiate Schools of Business, the national accrediting agency in its field.

BACHELOR OF SCIENCE IN COMMERCE

JUNIOR DIVISION REQUIREMENTS

In the Junior Division the major part of the student's time is consumed by the survey courses in the Social Sciences, the Physical Sciences, the Biological Sciences, the Humanities, and Mathematics. It is the purpose of courses of this type to lay a broad foundation of cultural work, to the end that the student may have a fair acquaintance with the important fields of history, government, sciences,

literature, and languages, before being permitted to erect what might otherwise turn out to be a rather shaky superstructure of specialized work.

Time is available, however, for certain introductory courses of an economic variety. These are Introduction to Business, Principles of Economics, and Elementary Accounting.

In tabular form the Junior Division Curriculum is as follows:

FRESHMAN		SOPHOMORE	
	Hours		Hours
English 2 a-b-c	9	Humanities 1 a-b-c	9
Social Science 1 a-b-c	9	*Physical Science 1-2 or	
*Mathematics 20	5	Human Biology 1-2	10
*Physical Science 1-2 or		Social Science 4	5
Human Biology 1-2	10	Economics 55 a-b-c (Economic	
Foreign Language	10	Principles)	9
Economics 1 (Introduction to		Commerce 6-7 (Accounting)....	10
Business)	5	Elective	5
Military Science (men)		Military Science (men)	
or		or	
Physical Education (women)....	5	Physical Education (women)....	5
	<u>53</u>		<u>53</u>

* Mathematics-Science: See footnote under Junior Division A.B.

THE SENIOR DIVISION

Upon completing the requirements just above listed the student passes into the Senior Division, in which all the courses are of an advanced or specialized character. The regulations of the American Association of Collegiate Schools of Business, of which the School of Commerce of the University is a member, require that not less than 40 per cent of the hours necessary for graduation shall be in subjects of an economic or business character. Seventy-four hours of economic and business subjects must, therefore, be taken to meet this minimum requirement. Since 24 hours are accounted for by the Junior Division introductory economic and business subjects, a minimum of 50 quarter hours of economic and business subjects remains for the Senior Division.

The regulations of the American Association also require that 40 per cent of the total degree requirement shall be in fields other than economics and business. The remaining 20 per cent of the hour requirement may be taken in either economic and business subjects or subjects outside of this field, but the practice of this School has always been to insist that about 50 per cent of the total requirement shall be in economics and business.

THE CONCENTRATION GROUPS

Since students vary materially in their needs or desires, it is thought desirable to offer quite a number of fields of concentration in the Senior Division. The groups are: Accounting, Finance, General Economics, Industrial Relations, Public Administration, Secretarial Studies, Statistics and Marketing. In each group nine subjects, totaling 45 quarter-hours, are listed as requirements.

The student is free to choose any one of these concentration groups. He is required to schedule all of the courses in the group chosen, and, in addition, elect four other courses from among the general offerings of the School. The 13 courses thus required amount to 65 hours which added to the 24 hours of economic and business subjects in the Junior Division raise the total to 89 hours, or approximately 50 per cent of the total degree requirement. The Commerce student under this arrangement would have five free electives to be chosen from any of the departments of the University, though they may be taken from the offerings of the School of Commerce. The selection of these elective courses must be done in every case in conference with the Professor in Charge of the concentration group.

MAJOR CONCENTRATION GROUPS

ACCOUNTING

Instructor in Charge: PROFESSOR H. M. HECKMAN

Commerce	354	Intermediate Accounting
Commerce	412	Auditing
Commerce	413	Cost Accounting
Commerce	415	Income Tax Accounting
Commerce	416	Accounting Problems
Commerce	419	Tax Accounting
Commerce	370	Business Law, first course
Commerce	371	Business Law, second course
Mathematics	356	Elementary Statistics
Mathematics	357	Advanced Statistics

FINANCE

Instructor in Charge: PROFESSOR G. W. SUTTON

Economics	450	Money and Credit
Commerce	488	Securities Market
Commerce	426	Banking
Commerce	430	Corporation Finance
Commerce	431	Investments
Economics	486	Labor Problems
Economics	360	Marketing
Mathematics	356	Elementary Statistics
Mathematics	357	Advanced Statistics

GENERAL ECONOMICS

Instructor in Charge: PROFESSOR R. P. BROOKS

Economics	407	History of Economic Thought
Economics	406	Advanced Economic Theory
Economics	437	Comparative Economics
Economics	434	Public Finance
Economics	436	Business Cycles
Economics	486	Labor Problems
Economics	380	International Trade
Economics	450	Money and Credit
Mathematics	356	Elementary Statistics

INDUSTRIAL RELATIONS

Instructor in Charge: ASSISTANT PROFESSOR R. T. SEGREST

Economics	384	Social Security
Economics	486	Labor Problems
Economics	385	Personnel Administration
Commerce	450	Money and Credit
Commerce	308	Business Correspondence
Economics	436	Business Cycles
Psychology	1	Elementary Psychology
Economics	434	Public Finance
Mathematics	356	Elementary Statistics

MARKETING

Instructor in Charge: PROFESSOR J. W. JENKINS

Economics	360	Marketing Principles
Economics	361	Marketing Problems
Commerce	462	Retailing
Commerce	375	Transportation
Economics	465	Marketing Research and Analysis
Commerce	464	Sales Management
Economics	459	Economic Geography of the Old World
Economics	450	Money and Credit
Mathematics	356	Elementary Statistics

PUBLIC ADMINISTRATION

Instructor in Charge: PROFESSOR L. B. RAISTY

Economics	434	Public Finance
Economics	435	State and Local Public Finance
Economics	441	Public Administration
Economics	442	County and Municipal Administration in Georgia
History	406	State Government
History	481	Political Science
History	482	American Government and Politics
Economics	384	Social Security
Economics	418	Municipal Accounting
Mathematics	356	Elementary Statistics
Sociology	370	Public Welfare Administration

NOTE: History 1, American Government, should be taken in the Sophomore year.

STATISTICS

Instructor in Charge: ASSOCIATE PROFESSOR B. P. BECKWITH

Mathematics	356	Elementary Statistics
Mathematics	357	Advanced Statistics
Mathematics	361	Mathematics of Investment
Commerce	354	Intermediate Accounting
Commerce	416	Accounting Problems
Economics	384	Social Security
Economics	386	Labor Problems
Commerce	431	Investments
Economics	434	Public Finance

SECRETARIAL STUDIES

Instructor in Charge: ASSISTANT PROFESSOR HERMAN A. ELLIS

Commerce	300 a-b-c	Shorthand
Commerce	303	Typewriting, first course
Commerce	304	Typewriting, second course
Commerce	305	Typewriting, third course
Commerce	308	Business Correspondence
Commerce	310	Office Training
Commerce	370	Business Law, first course
Economics	384	Social Security
Mathematics	356	Elementary Statistics
Commerce	415	Income Tax Accounting

MAJOR IN ECONOMICS IN THE BACHELOR OF ARTS DEGREE

Candidates for the Bachelor of Arts degree upon entering the Senior Division are required to select a major division from which Senior Division courses must be taken totaling at least 40 credit hours. One of the major divisions which may thus be elected by the applicants for the Bachelor of Arts degree is the division of Social Sciences, and Economics is one of the departments in this division. Students registered for the A.B. degree who desire to major in Economics will take courses from the concentration group "General Economics." From this group, on the approval of the major professor and the Dean of the College of Arts and Sciences, the major program may be arranged.

COMBINATION COURSE IN COMMERCE AND LAW

Business training, not only in General Economics but in Accounting, Corporate Organization and Finance, Taxation and in numerous other specialized fields has become essential to the lawyer. Indeed the time has come when many law firms find their practice largely confined to acting as consultants to business executives and it is imperative that they have a thorough acquaintance with the conduct of modern business.

It would be an ideal arrangement if prospective lawyers could pass first through a School of Business before taking up the study of law. Such a course, however, normally requires seven years, a greater expenditure of time and money than students can usually afford. It was with the idea of shortening the time somewhat and lessening the cost that the School of Commerce and the School of Law of the University have arranged a combined curriculum which makes it possible to complete both courses in six years.

Students who desire to take this combination course will register for the regular Junior Division program, except that they will substitute for the elective in the sophomore year Mathematics 356, Elementary Statistics. This substitution will enable the combination student to get 29 hours of credits in subjects of an economic and business character in the Junior Division. By scheduling economic and business subjects only in his junior year, that is to say the first year of the Senior Division, he can just meet the minimum requirement of 40 per cent of economic and business subjects required by the American Association. He would not have had, it is true, quite so extensive a program of specialized business subjects, since the regular Commerce student is required to have considerably more than the minimum. For the most part, however, this arrangement amounts to the acceptance by the School of Commerce of the first year law as a substitute for the free electives which the Commerce student ordinarily has.

NOTE IN FOREIGN LANGUAGES

The Bachelor of Science in Commerce degree requires four or five courses in Foreign Languages. Students enter under one or the other of two conditions with respect to the language requirement. First: those who offer for entrance two or more units of a Foreign Language (Greek, Latin, French, German, or Spanish). These are required to take at least two courses in college, in French, German, or Spanish. (a) If such a student chooses to continue in college the language he used for entrance, he is required to take courses 103 and 104 and these two courses will meet the language requirement. (b) If he chooses some other of the modern languages, he must carry it through course 103, that is to say, he must take three courses, making a total of five, including the entrance credits. Second: Those who enter without any foreign language credits. These may elect French, German or Spanish, and must take courses 101, 102 and 103. Such a student may continue the language through course 104 and thus meet the requirement. If, however, after the third course, he prefers to discontinue the language and begin another, he must take courses 101 and 102 of the second language, or a total of five courses.

HENRY W. GRADY SCHOOL OF JOURNALISM

The School of Journalism was established in 1915 and named for the illustrious editor, orator and statesman, Henry W. Grady, in 1921. A member of the American Association of Schools and Departments of Journalism, it is recognized as one of the four Class A schools of journalism in the Southeast.

BACHELOR OF ARTS IN JOURNALISM

JUNIOR DIVISION REQUIREMENTS

FRESHMAN	Hours	SOPHOMORE	Hours
English Composition 2 a-b-c.....	9	Social Science 4	5
Social Science 1 a-b-c.....	9	Physical Science 1-2	
*Physical Science 1-2		or	
or		Human Biology 1-2	10
Human Biology 1-2	10	Humanities 1 a-b-c	9
Mathematics 20	5	Journalism 20, 30, 40	15
†Foreign Language	10	Military Science (men)	
Journalism 1	5	or	
Military Science (men)		Physical Education (women)....	5
or		Elective	9
Physical Education (women)....	5		
	53		53

SENIOR DIVISION REQUIREMENTS

MAJOR IN JOURNALISM of 42 hours, normally including 351, 352, 353, 354, 355, 356, 357, 360, and two courses from 358, 359, 363,a, 363b, 364, 367, 369, and 370.

A student entering the School of Journalism with full Junior Division credit, but without Journalism 1, 20, 30, and 40, will be expected to take the last three courses and Journalism 350 in addition to those listed in the foregoing paragraph.

A student who has received the A.B. degree from a college belonging to a standard regional association may satisfy the requirements

* See footnote under A.B. Junior Division, page 87.

† Twenty hours (combined high school and Junior Division) from French, German, Greek, Latin, or Spanish. At least ten hours in one language must be taken in college and this must not duplicate language courses taken in high school. Spanish is recommended only for those who can definitely foresee a use for this language in their journalistic work. Students choosing Spanish in college will be required to carry this language through Spanish 103. Students who contemplate graduate work are advised to take French or German.

for the A.B. in Journalism degree with a minimum of 45 hours in Journalism, selected with the approval of the Director of the School of Journalism. Such a student must be in residence at the University three quarters.

SUPPLEMENT MAJOR OF 24 TO 27 HOURS, OR TWO SUPPLEMENTARY MINORS OF 12 TO 15 HOURS EACH, to be chosen from Art, Commerce, Economics, Education, English, Foreign Language, Geography, History, Home Economics, Laboratory Science, Landscape Architecture, Music, Philosophy, Political Science, Psychology, and Sociology.

ELECTIVES to complete a minimum of 196 hours for the Junior and Senior Division. All majors, minors, and electives shall be chosen with the approval of the Director of the School of Journalism. These are determined by the phase of journalism in which the student is especially interested, and are grouped in approved sequences. Some specific courses in other divisions of the University from which journalism majors may make appropriate and useful selections are:

Commerce 300 a-b-c (Shorthand), 6 (Principles of Accounting), 370-371 (Business Law); Economics 5 (Principles of Economics) or Economics 55 a-b-c (Principles of Economics), 333 (American Economic History), 350 (Money and Credit), 355 (Economic Problems); Education 1 (Introduction), 304 (Educational Psychology), 341 (Materials and Methods of Teaching English in High School), 381 (Methods of Teaching in Secondary Schools), 421 (The School and Society), 500 (History of Education); English 305 (Introduction to Poetry), 320 (American Literature), 321 (Southern Literature), 343 (Contemporary Drama), 375 a-b-c (The Novel), 340 a-b-c (Shakespeare); Speech 1 (Essentials of Public Speaking) and Speech 340 (Argumentation); History 379-380 (Introduction to the Study of Contemporary International Relations), 405 (The Genesis of the Constitution), 406 (State Government), 451 (The American Colonies, The Revolution, and Union to 1789), 452 (The United States from Washington to Reconstruction), 453 (The United States since Reconstruction), 454 (The Civil War), 455 (The Reconstruction Period), 456 (Recent American History), 457 (The Ante-Bellum South), 459 (History of Georgia), 475 (Modern Britain, 1689-1940), 481 (Political Science), 482 (American Government and Politics); Home Economics 5 (Foods), 20 and 321 (Clothing), 22 (Textiles), 375 (Home Planning and Furnishing), 490 (Development of the Young Child), 393 (Family Relations); Philosophy 304 (Introduction to Philosophy), 305 (Modern Ethics), 352 (Moral Philosophy and The New Testament), 357 (History of Philosophy), 358 (Modern Logic); Psychology 1 (Principles of Psychology), 22 (Experimental Psychology), 323 (Abnormal Psychology), 373 (Social Psychology); Sociology 5 (Introductory Sociology) or 307 (Elementary Principles of Sociology), 360 (Contemporary Social Problems), 361 (The Family).

THE SCHOOL OF HOME ECONOMICS

The School of Home Economics offers courses in the Coordinate College and in the Senior Division of the University.

Throughout the four years certain courses related to home-making are required of all students. In addition, the Senior Division offers opportunity for intensive study as preparation for vocations in the fields of (1) Teaching; (2) Institutional Management; (3) Home Demonstration Work; (4) Textiles and Clothing; and (5) General Home Economics.

BACHELOR OF SCIENCE IN HOME ECONOMICS

JUNIOR DIVISION REQUIREMENTS

FRESHMAN		SOPHOMORE	
	Hours		Hours
Social Science 1 a-b-c	9	Social Science 4	5
Human Biology 1-2	10	Humanities 1 a-b-c	9
English 2 a-b-c	9	Psychology 1 or Speech 8	5
Art 30	5	Chemistry 21-22	10
*Home Economics 1	5	Chemistry 346	5
Home Economics 20	5	Home Economics 5	5
Physics 20	5	Home Economics 22	3
Physical Education 1	5	Electives	6
		Physical Education 2	5
	53		53

Upon completion of Junior Division requirements students must, with the approval of the head of the School, set up a program including prescribed courses in the major concentration and related electives. This may conform to any of the plans indicated.

Students transferring from other institutions should enter not later than the beginning of the junior year and should understand that in most cases conflicts in schedule will prevent their taking both junior and senior technical courses in the same year.

SENIOR DIVISION REQUIREMENTS

MAJOR CONCENTRATION: A minimum of 40 hours Senior Division work in home economics to meet requirements of the curriculum selected.

SUGGESTED ELECTIVES: Physics, Chemistry, Bacteriology, Biology, Psychology, Sociology, Economics, Health and Physical Education, Household Mechanics, Art, Landscape Architecture, Journalism, Public Speaking.

* Not required of students entering with one or more years of advanced standing.

PROGRAMS IN MAJOR CONCENTRATION

1. VOCATIONAL HOME ECONOMICS TEACHING

JUNIOR		SENIOR	
	Hours		Hours
Education 421 or 504	5	Education 397	5
Education 304	5	Education 346-47	10
Education 396	5	Home Economics 368-369	6
Home Economics 306	5	Home Economics 490	5
Home Economics 321	5	Home Economics 350	5
Home Economics 351	5	Home Economics 393	5
Home Economics 375	5	Electives	9
Bacteriology 350	5		
Elective	5		
	45		45

2. INSTITUTIONAL MANAGEMENT

JUNIOR		SENIOR	
	Hours		Hours
Home Economics 306	5	Home Economics 354	5
Home Economics 352-353	8	Home Economics 355	5
Home Economics 371	3	Home Economics 372	5
Home Economics 446 or 343	5	Home Economics 490 or 393	5
Chemistry 351	5	Home Economics 453	5
Commerce 6	5	Economics 5	5
Bacteriology 350	5	Education	5
Electives	9	Electives	10
	45		45

3. HOME DEMONSTRATION

JUNIOR		SENIOR	
	Hours		Hours
Home Economics 321	5	Home Economics 490	5
Home Economics 351	5	Home Economics 393	5
Home Economics 306	5	Home Economics 368-369	6
Home Economics 350	5	Home Economics 375	5
Home Economics 362	5	Education	5
Agriculture	10	Agriculture	10
Bacteriology 350	5	Electives	9
Elective	5		
	45		45

4. TEXTILES AND CLOTHING

JUNIOR		SENIOR	
	Hours		Hours
Home Economics 321	5	Home Economics 364	5
Home Economics 363	5	Home Economics 463	5
Home Economics elective	5	Home Economics 461	5
Economics 5	5	Home Economics elective	5
Bacteriology 350	5	Home Economics 490	5
Art	10	Art	10
Electives	10	Electives	10
	45		45

Art courses to be approved by major professor.

5. GENERAL HOME ECONOMICS

JUNIOR		SENIOR	
	Hours		Hours
Home Economics 321	5	Home Economics 368-369	6
Home Economics 306	5	Home Economics 490	5
Home Economics 375	5	Home Economics 393	5
Home Economics elective	5	Home Economics 351	5
Electives	20	Electives	24
	45		45

GEORGE FOSTER PEABODY SCHOOL OF FORESTRY

BACHELOR OF SCIENCE IN FORESTRY

The outstanding school of forestry of the entire Southeast is that of The University of Georgia. Established in 1906 through gifts of the late George Foster Peabody it was transferred to the State College of Agriculture two years later. The School was reestablished as a part of the University in 1935 and is fully recognized by the Society of American Foresters.

JUNIOR DIVISION REQUIREMENTS

FRESHMAN		SOPHOMORE	
	Hours		Hours
English 2 a, b, c	9	Chemistry 21-24 (Inorganic)	10
Social Science 1 a, b, c	9	Agronomy 7 (Forest Soils)	5
Botany 21-22 (General Botany)	10	Econ. 5 or Ag. Econ. 3	5
Forestry 21 a-b-c (Field of Forestry)	3	Geology 20	5
Ag. Engineering 6 (Topographic Drawing)	3	Jour. 368 or English 6	5
Math. 4 (Algebra)	5	Ag. Eng. 11 (Surveying)	5
Math. 30 (Trigonometry)	5	Plant Pathology 354 (Forest Pathology)	6
Military Science 1	5	Forestry 82 (Dendrology)	6
Speech 50	5	Military Science 2	5
Total	54	Total	52

SUMMER CAMP

	Hours
Forestry 25 (Field Dendrology)	3
Forestry 26 (Forest Surveying)	9
Forestry 27 (Mapping and Cruising)	3
Forestry 28 (Forest Improvements)	3
Total	18

The work given at Summer Camp covers a period of ten weeks and is a continuation of the Sophomore year at the University. It is prerequisite to Senior Division courses.

SENIOR DIVISION REQUIREMENTS

JUNIOR

	Hours
Forestry 308 (Protection)	5
Forestry 351 (Mensuration)	5
Forestry 356 a, b, c (Silviculture)	15
Forestry 373 (Wood Anatomy and Tree Identification)	6
Zoology 375 (Forest Entomology)	5
*Electives	10 or 12
Total	46 or 48

SENIOR

	Hours
Forestry 352 (Mensuration)	5
Forestry 376 (Utilization)	6
Forestry 390 (Forest Finance)	3
Forestry 391 (Forest Economics)	3
Forestry 401 (Management)	5
Forestry 402 (Management Field Work)	9
Forestry 404 (Improvements)	3
Forestry 405 (Naval Stores)	3
Forestry 406 (Utilization Field Work)	3
Forestry 410 (Policy)	3
*Electives	3
Total	46

* Students who do not have a satisfactory high school course in Physics must choose Physics 20 as one of their electives. All electives are subject to the approval of the Dean of the School of Forestry. Students from junior colleges will have to fulfill the requirements for the Forestry degree except that they may substitute advanced courses in English for Journalism, and General Biology for Botany.

COURSES OF INSTRUCTION

The statement as to number of hours after each course title refers to the number of quarter hours credit for the course. Where not otherwise specified this indicates also the number of hours the class meets each week and all of these meetings are either recitation or lecture.

The University reserves the right to eliminate any undergraduate course for which the registration is less than five students.

Campus I refers to Franklin Campus or the main University campus, Campus II is the College of Agriculture campus and Campus III is the Coordinate College.

AGRICULTURAL ENGINEERING

JUNIOR DIVISION COURSES

3 a-b. FARM SHOP. 6 hours. Four 3-hour laboratory periods only. Prerequisite: Chemistry 24. Fall, Winter, and Spring Quarters. Campus II. *Mr. Peikert.*

Farm Construction methods; farm carpentry; concrete; soldering; babbitting; blacksmithing; pipe fitting; and repair of farm machinery.

4 a-b. ENGINEERING DRAWING. 6 hours. Three double laboratory periods only for Fall and Winter Quarters. Campus II. *Mr. Hudson.*

Use of drawing instruments. Practice in lettering and detailing. Orthographic and pictorial methods of presentation.

6. TOPOGRAPHIC DRAWING. 3 hours. Three double laboratory periods only. Winter and Spring Quarters. Campus II. *Mr. Hudson.*

Free hand lettering and use of instruments. Principles of projection, sketching and preparation of topographic maps.

8. DESCRIPTIVE GEOMETRY. 3 hours. Three double laboratory periods only. Prerequisite: Agricultural Engineering 4 a-b. Spring Quarter. Campus II. *Mr. Hudson.*

Representation of geometrical magnitudes by means of points, lines, planes, and solids and their application in the solution of problems.

11. SURVEYING. 5 hours. Three double laboratory periods. Prerequisite: Trigonometry. Fall and Spring Quarters. Campus II. *Mr. Danner.*

The use, care and adjustment of surveying instruments and equipment. Field problems in leveling, land measuring and topographic surveying.

20. SOIL AND WATER CONSERVATION. 3 hours. One double laboratory period. Fall, Winter, and Spring Quarters. Campus II. *Mr. Hudson.*

Principles and methods of improving productive land by drainage, irrigation, and soil erosion control. Primarily for B.S.A. students.

22. SOIL AND WATER CONSERVATION. 3 hours. One double laboratory period. Prerequisite: Surveying. Spring Quarter. Campus II. *Mr. Danner.*

Principles and methods of improving productive land by drainage, irrigation, and soil erosion control. Primarily for B.S.A.E. students.

60. FARM POWER AND MACHINERY. 3 hours. One double laboratory period. Fall, Winter, and Spring Quarters. Campus II. *Mr. Peikert.*

A general course in the operation, care and repair of farm implements, tractors, and stationary power units commonly used on farms. General machine shop practices.

70. FARM BUILDINGS AND EQUIPMENT. 3 hours. Fall, Winter, and Spring Quarters. Campus II. *Mr. Driftmier* and *Mr. Danner.*

A study of farm buildings and equipment with special application to Georgia conditions.

SENIOR DIVISION COURSES

350. MECHANICS. 5 hours. Prerequisite: Physics 27. Fall Quarter. Campus II. *Mr. Davenport.*

The statics of engineering.

351. MECHANICS. 5 hours. Prerequisite: Agricultural Engineering 350. Winter Quarter. Campus II. *Mr. Davenport.*

The dynamics of engineering.

353. MATERIALS OF CONSTRUCTION. 5 hours. One double laboratory period. Prerequisite: Chemistry 24. Winter Quarter. Campus II. *Mr. Lanham.*

Manufacture, properties, uses and applications of materials for engineering construction.

354. MECHANISM. 3 hours. Prerequisite: Trigonometry. Winter Quarter. Campus II. *Mr. Driftmier.*

Study of mechanism with reference to the transmission of motion and force and to their forms and arrangements in actual machines.

355. STRENGTH OF MATERIALS. 5 hours. Prerequisite: Agricultural Engineering 351. Spring Quarter. Campus II. *Mr. Davenport.*

Elements of stress analysis, resistance, and design as applied to engineering materials and structures.

356. HYDRAULICS. 5 hours. Prerequisite: Calculus. Spring Quarter. Campus II. *Mr. Davenport.*

A general course in hydraulics, including fundamental principles of hydrostatics and hydrodynamics applied to the flow of water through orifices, over weirs, through pipes and channels.

361. FARM MACHINERY. 5 hours. Two double laboratory periods. Prerequisite: Physics 27. Fall Quarter. Campus II. *Mr. Peikert.*

Development, design, and utilization of farm machinery for all forms of farm power.

362. FARM MOTORS. 5 hours. Two double laboratory periods. Prerequisite: Agricultural Engineering 370. Winter Quarter. Campus II. *Mr. Peikert.*

Principles of construction, operation, adjustment and application of tractors, trucks, and gasoline and oil engines for agricultural uses.

370. HEAT ENGINEERING. 5 hours. Prerequisite: Calculus and Physics 28. Fall Quarter. Campus II. *Mr. Davenport.*

Fundamental principles of engineering thermodynamics, heating, ventilation and refrigeration.

371. FARM STRUCTURES. 5 hours. Three double laboratory periods. Prerequisite: Agricultural Engineering 353 and 355. Fall Quarter. Campus II. *Mr. Lanham.*

Design of farm buildings; details of construction; specifications; bills of material, and cost estimates.

372. FARM SANITATION AND WATER SUPPLY. 3 hours. Prerequisite: Agricultural Engineering 356. Fall Quarter. Campus II. *Mr. Driftmier.*

The development, storage, distribution and purification of rural water supplies, and the collection and disposal of farm and rural wastes.

374. HOUSEHOLD ENGINEERING. 5 hours. One double laboratory period. Offered in alternate years. Spring Quarter. Campus II. *Mr. Driftmier.*

Fundamental principles, application and maintenance of electrical household equipment; home conveniences; water supply and sanitation; lighting, heating and ventilation. Study of kitchens in relations to planning and equipment.

384. DIRECT CURRENT MACHINERY. 3 hours. One double laboratory period. Prerequisite: Physics 29. Fall Quarter. Campus II. *Mr. Davenport.*

A study of the laws and phenomena of electricity and its application to electric motors, electric generators, transformers, distribution and utilization, with special emphasis to its use in agricultural pursuits.

385. PRINCIPLES OF LANDSCAPE CONSTRUCTION. 5 hours. One double laboratory period. Offered in alternate years. Fall Quarter. Campus II. *Mr. Lanham.*

Development and design of roads, streets, and walks; municipal water supply and sewage practice; problems in landscape construction, including grading, drainage, and utility plans; estimates, cost data, contracts and specifications.

386. ALTERNATING CURRENT MACHINERY. 5 hours. One double laboratory period. Prerequisite: Agricultural Engineering 384. Winter Quarter. Campus II. *Mr. Davenport.*

Principles of design, construction and operation of alternating current machines with special emphasis to their use in agricultural pursuits.

388. RURAL ELECTRIFICATION. 3 hours. One double laboratory period. Prerequisite: Agricultural Engineering 386. Winter Quarter. Campus II. *Mr. Greiner.*

A study of the problems involved in the distribution and application of electricity to the farm.

390. ENGINEERING BIBLIOGRAPHIC RESEARCH. 5 hours. Prerequisite: English Composition. Spring Quarter. Campus II. *Mr. Lanham.*

The analysis and treatment of technical and scientific papers and reports with particular reference to their application in the engineering profession.

SENIOR DIVISION OR GRADUATE COURSES

401 (Sr.) 601 (Gr.). AGRICULTURAL ENGINEERING APPLICATIONS. 5 hours. Two double laboratory periods. Offered when demand warrants. Campus II. *Mr. Peikert.*

Advanced work in the study of agricultural production methods, farm construction, sanitation and land utilization, and the application of engineering methods.

404 (Sr.) 604 (Gr.). ADVANCED RURAL ELECTRIFICATION. 3 hours. One double laboratory period. Prerequisite: Agricultural Engineering 388. Spring Quarter. Campus II. *Mr. Davenport* and *Mr. Greiner.*

An advanced course in the application of electric power to farm development and to the processing of farm products.

405 (Sr.) 605 (Gr.). STRUCTURAL DESIGN. 3 hours. Two double laboratory periods. Prerequisite: Agricultural Engineering 355 and 371. Winter Quarter. Campus II. *Mr. Driftmier.*

Structural theory and design of wood, masonry, concrete, and steel construction.

406 (Sr.) 606 (Gr.). MACHINE DESIGN. 3 hours. One double laboratory period. Prerequisite: Agricultural Engineering 353, 361 and 362. Spring Quarter. Campus II. *Mr. Peikert.*

An advanced course in the analysis and design of agricultural implements and power units.

407 (Sr.) 607 (Gr.). DESIGN OF HYDRAULIC STRUCTURES. 3 hours. One double laboratory period. Prerequisite: Agricultural Engineering 22 and 356. Winter Quarter. Campus II. *Mr. Danner.*

The study and design of erosion control structures.

MASTER OF SCIENCE IN AGRICULTURAL ENGINEERING. Prerequisite: Degree of Bachelor of Science in Agricultural Engineering. The major must be in Agricultural Engineering. One minor must be in the College of Agriculture. Minors must be chosen with distinct reference to the major and the whole program must have the approval of the head of the Department of Agricultural Engineering.

A minimum of ten quarter hours constitutes a minor and twenty

quarter hours a major. Not less than 45 quarter hours required for the M.S.A.E. degree.

GRADUATE COURSES

804. SPECIAL ELECTRICAL PROBLEMS. 5 hours. Formation and solution of theoretical and practical problems connected with electrical circuits, apparatus, machines or systems. Prerequisite: Agricultural Engineering 388 or equivalent. Campus II. *Mr. Davenport and Mr. Greiner.*

805. FARM STRUCTURES. 5 hours. Problems in farm structures, water supply, sanitation, heating, lighting, ventilation, and home equipment. Prerequisites: Agricultural Engineering 371 and 372, or equivalent. Campus II. *Mr. Driftmier and Mr. Lanham.*

806. FARM POWER AND MACHINERY. 5 hours. Problems in design, testing and determining efficiency of farm implements and machines; power problems in application, efficiency and economy. Prerequisites: Agricultural Engineering 361 and 362, or equivalent. Campus II. *Mr. Peikert.*

807. SOIL AND WATER CONSERVATION. 5 hours. Studies of water control through drainage; the conservation of soils by the control of soil erosion; land clearing. Prerequisites: Agricultural Engineering 22 and 356, or equivalent. Campus II. *Mr. Danner and Mr. Hudson.*

808. AGRICULTURAL ENGINEERING RESEARCH. 20 hours. Original investigation of an approved problem in some phase of agricultural engineering; farm power and machinery; rural electrification; farm structures, including water supply and sanitation; or soil and water conservation. *Agricultural Engineering Staff.*

812. THESIS. 5 hours. Prerequisite: Agricultural Engineering 808. Campus II. *Agricultural Engineering Staff.*

AGRICULTURAL ECONOMICS AND RURAL SOCIOLOGY

AGRICULTURAL ECONOMICS

JUNIOR DIVISION COURSES

3. AGRICULTURAL ECONOMICS. 5 hours. Five lectures or recitations per week. Fall, Winter, and Spring Quarters. Campus II. *Mr. Firor, Mr. Young, and Mr. King.*

Orientation course in economics of agriculture. The purposes of this course are to give the student an understanding of the place of economics in agriculture and to develop methods for using economic facts and principles in solving farm problems.

SENIOR DIVISION COURSES

301. FARM ORGANIZATION AND MANAGEMENT. 5 hours. Two lectures and three double laboratory periods per week. Fall and Winter Quarters. Prerequisite: Agricultural Economics 3. Campus II. *Mr. King.*

A scientific approach to the study of individual farm programs for the purpose of determining methods to be used for increasing farm income.

304. MARKETING FARM PRODUCTS. 5 hours. Five lectures or recitations per week. Fall, Winter, and Spring Quarters. Prerequisite: Agricultural Economics 3. Campus II. *Mr. Firor.*

This is a course in marketing functions and principles applied to farm products. The purpose of this course is to enable a student to understand the relationship between marketing practices and other agricultural activities.

351. AGRICULTURAL CREDIT. 5 hours. Five lectures or recitations per week. Winter Quarter. Prerequisite: Agricultural Economics 3. Campus II. *Mr. Firor* or *Mr. Young.*

A discussion of the principles of finance in their application to farm credit organizations and practices.

363. MARKETING AGENCIES IN AGRICULTURE. 5 hours. Five lectures or recitations per week. Winter Quarter. Prerequisite: Agricultural Economics 3. Campus II. *Mr. Firor.*

Marketing problems, functions of integrated and nonintegrated marketing organizations, and marketing agreements in agriculture.

364. LAND ECONOMICS. 5 hours. Three lectures and two double laboratory periods per week. Spring Quarter. Prerequisite: Agricultural Economics 3. Campus I. *Mr. Firor.*

An appraisal of the agricultural use of land in the United States with special attention to Georgia and the counties of the students. This course is designed to meet the current need of agricultural workers for training in the application of economics to the use of land by farmers under changing political and social conditions.

SENIOR DIVISION OR GRADUATE COURSES

402 (Sr.) 602 (Gr.). ADVANCED FARM ORGANIZATION AND MANAGEMENT. Five lectures or recitations per week. Winter and Spring Quarters. Prerequisite: Agricultural Economics 301. Campus II. *Mr. King.*

Continuation of Agricultural Economics 301 with special exercises in appraising and analyzing economic facts of individual farms and making adjustments in the use of land, labor, and capital with changing farm programs.

458 (Sr.) 658 (Gr.). ADVANCED ECONOMICS OF AGRICULTURE. 5 hours. Five lectures or recitations per week. Winter and Spring Quarters. Prerequisite: Agricultural Economics 3. Campus II. *Mr. Young.*

Causes and effects of market surpluses, private and governmental

control policies, and agricultural outlook. A study of the application of economic theories and principles to agricultural activities.

467 (Sr.) 667 (Gr.). AGRICULTURAL PRICES. 5 hours. Five lectures or recitations per week. Spring Quarter. Prerequisite: Agricultural Economics 3. Campus II. *Mr. King*.

Preparation and use of index numbers and other means for analyzing the behavior of farm prices, price theories applied to agriculture, farm price forecasting, and outlook.

468 (Sr.) 668 (Gr.). CURRENT AGRICULTURAL PROBLEMS. 5 hours. Five lectures or recitations per week. Fall Quarter. Prerequisite: Agricultural Economics 3. Campus II. *Mr. Firor*.

A study of current agricultural problems, factors creating current agricultural situations, and methods of analyzing current situations and solving current farm problems.

GRADUATE COURSES

808. ADVANCED AGRICULTURAL ECONOMICS. 5 hours. Five lectures per week. Time to be arranged. Prerequisite: Agricultural Economics 458. Campus II. *Mr. Firor* or *Mr. Young*.

This course is designed to give the student an opportunity to review economics theories and agricultural programs for the purpose of analyzing specific problems in agriculture.

815. ADVANCED FARM MANAGEMENT. 5 hours. Five double laboratory periods per week. Time to be arranged. Prerequisites: Agricultural Economics 402 and 364. Campus II. *Mr. King*.

Research in farm management. The student will be required to assemble, appraise, analyze, and make deductions from economic data of individual farms.

820. ADVANCED FARM RECORDS. 5 hours. Five double laboratory periods per week. Time to be arranged. Prerequisite: Agricultural Economics 301. Campus II. *Mr. King*.

Methods and practices in keeping farm records with especial attention to financial, feed, labor, and production records, and methods of determining livestock and crop production costs.

821. PUBLIC PROBLEMS OF AGRICULTURE. 5 hours. Five double laboratory periods per week. Time to be arranged. Prerequisites: Agricultural Economics 301 and 468. Campus II. *Mr. Firor*.

A group discussion of agricultural problems that involve governmental activities.

822. DISTRIBUTION OF FARM PRODUCTIONS. 5 hours. Five double laboratory periods per week. Time to be arranged. Prerequisites: Agricultural Economics 304, 363, and 458. Campus II. *Mr. Firor*.

A study of the economics of distribution of farm products from the viewpoint of functional organization and activities.

823. CONSUMPTION ECONOMICS OF MARKETING FARM PRODUCTS. 5 hours.

Five lectures per week. Time to be arranged. Prerequisites: Agricultural Economics 304, 363, and 458. Campus II. *Mr. Firor.*

The marketing of farm products in relation to consumption, prices, purchasing power, and consumers' attitudes.

RURAL SOCIOLOGY

JUNIOR DIVISION COURSES

310. RURAL SOCIOLOGY. 5 hours. Five lectures per week. Fall and Winter Quarters. Campus II. *Mr. Young.*

A descriptive course of rural social organizations and a study of the principles of rural sociology applied to rural life.

SENIOR DIVISION COURSES

400 (Sr.) 600 (Gr.). COOPERATION IN AGRICULTURE. 5 hours. Five lectures per week. Fall Quarter. Prerequisites: Agricultural Economics 3 and 304. Campus II. *Mr. Young.*

A study of cooperative marketing associations; their organization and practices. A discussion of philosophy of cooperation in agriculture.

401 (Sr.) 601 (Gr.). RURAL COMMUNITY ORGANIZATION. 5 hours. Five lectures per week. Spring Quarter. Prerequisite: Rural Sociology 310. Campus II. *Mr. Young.*

A study of the historical development of the organization of rural communities; the concept of community organization as a tool for guiding social change; the psychology of rural groups; methods of making organizations effective through developing rural leadership, analyzing community needs, building community programs, and coordinating programs.

GRADUATE COURSES

807. RESEARCH IN RURAL SOCIAL ORGANIZATIONS. 5 hours. Five double laboratory periods per week. Time to be arranged. Prerequisites: Rural Sociology 310, 400, and 401. Campus II. *Mr. Young.*

To give a first hand knowledge of Georgia rural conditions, and to train for field work. Gathering, tabulating, studying, and interpreting data and writing reports. Graduate students may use the reports of their investigations in connection with their theses.

809. RURAL SOCIAL-ECONOMIC PROBLEMS. 5 hours. Five double laboratory periods per week. Time to be arranged. Prerequisites: Agricultural Economics 3, and courses selected by instructor. Campus II. *Mr. Young.*

A study of the social approach of selected farm management, marketing, price, tenure, and credit problems.

AGRONOMY

JUNIOR DIVISION COURSES

1. FIELD CROP PRODUCTION. 5 hours. Fall, Winter, and Spring Quarters. Prerequisite: A general course in Botany. Campus II. *Mr. James.*

A study of the adaptation, culture, improvement, harvesting and uses of the more important crops, with special reference to the major crops of Georgia. Laboratory exercises will include seed studies, introduction to commercial grading of grain, hay, cotton, tobacco, and the identification, adaptation and use of important legumes and grasses.

7. FOREST SOILS. 5 hours. Winter Quarter. Prerequisite: Chemistry 21-24, Geology 20. Campus II. *Mr. Collins* or *Mr. Garman.*

Covers a study of the origin, formation and classification of soils. The effect of climate on the physical and chemical properties of soils under forest growth. Soil mapping.

10. PRINCIPLES OF SOIL MANAGEMENT. 5 hours. Fall, Winter, and Spring Quarters. Prerequisite: Chemistry 21-24. Campus II. *Mr. Collins* or *Mr. Garman.*

Covers formation, physical and chemical properties of soils, effects of commercial fertilizers; lime, organic matter, soil management practices, soil fertility, maintenance, and use of soil survey.

SENIOR DIVISION COURSES

300. COTTON CLASSING. 5 hours. Winter and Spring Quarters. Prerequisite: Good eyesight and not color blind. Campus II. *Mr. Murray.*

A study of cotton grades and staples according to Universal Standards for American Upland Cotton for grade and staple. Practice will consist of classing and stapling approximately three thousand samples of Georgia cotton, along with other types produced in the United States.

301. ADVANCED COTTON CLASSING. 5 hours. Fall Quarter. Prerequisite: Agronomy 300. Campus II. *Mr. Murray.*

For men who expect to become specialists in cotton classing. A study of the Universal Standards of American Upland Cotton for grade and staple. Practice will consist of classing and stapling approximately three thousand samples of cotton.

302. COTTON PRODUCTION. 5 hours. Fall Quarter. Campus II. *Mr. Murray.*

A study of history, production, adaptation, breeding, varieties, cultivation, harvesting, grading, and marketing of cotton. Laboratory exercises will deal with United States and World Production and Consumption. Field experiments will be given special consideration.

303. COTTON IMPROVEMENT. 5 hours. Fall Quarter. Prerequisite: Agronomy 1 and Genetics. Campus II. *Mr. Murray.*

The fundamental principles of genetics applied to a study of cotton improvement. Methods of breeding, progeny records and plat technique will be stressed.

304. ADVANCED COTTON IMPROVEMENT. 5 hours. Spring Quarter. Prerequisite: Agronomy 302 and Genetics. Campus II. *Mr. Murray.*

This course is designed for students specializing in cotton. Literature dealing with the inheritance of the important economic characters of the cotton plant will be studied. Special emphasis will be devoted to breeding methods, progeny records, biometry and field plot technique.

305. THE COTTON FIBER. 5 hours. Spring Quarter. Prerequisite: Agronomy 300 and 302. Campus II. *Mr. Murray.*

A study of the cotton fiber and its uses. Factors such as soils, climate, variety, ginning as affecting spinning quality are considered. Special consideration will be devoted to a study of the physical properties of fibers.

320. ADVANCED CROP PRODUCTION. 5 hours. Spring Quarter. Prerequisite: Agronomy 1. Campus II. *Mr. Murray.*

An advanced study of the common field crops of Georgia. Laboratory exercises will include a study of the identification of the important legumes, grasses, and weeds of Georgia. Experiments from the Agronomy plots will be considered.

321. FORAGE CROPS. 5 hours. Fall Quarter. Prerequisite: Agronomy 1. *Mr. Fain or Mr. James.*

Requirements and adaptations of forage crops. Special attention will be given to combinations that will furnish all year grazing under southern conditions. Laboratory exercises will deal with the botanical and morphological characteristics of the principal forage plants. Results of forage crop investigations in the southern states will be considered.

322. GRAIN AND HAY GRADING. 5 hours. Fall Quarter. Prerequisite: Agronomy 1. Campus II. *Mr. Murray.*

Advanced study and practice of grading grains and hay according to Federal Standards promulgated by the Bureau of Agricultural Economics, United States Department of Agriculture.

323. PASTURE DEVELOPMENT. 5 hours. Winter Quarter. Prerequisite: Agronomy 321. Campus II. *Mr. Fain or Mr. James.*

The principal factors and requirements of pastures will be studied. Methods of meeting these requirements under southern conditions, as well as a combination of plants, will be given special consideration.

324. PASTURE MANAGEMENT. 5 hours. Spring Quarter. Prerequisite: Agronomy 321 and 323. Campus II. *Mr. Fain or Mr. James.*

Methods of grazing and fertilization in their relation to the growth and continuation of stand will be considered. The general care of the pasture in relation to growth, both of desirable and undesirable plants, will be given special study.

351. SOIL FORMATION. 5 hours. Winter Quarter. Prerequisite: Agronomy 10. Campus II. *Mr. Collins.*

Covers rock disintegration, decomposition and geological agencies relating to the origin and formation of soils.

353. SOIL CLASSIFICATION AND SOIL SURVEY. 5 hours. Spring Quarter.

Prerequisite: Agronomy 10 and 351, or equivalent. Fee \$10.00. Campus II. *Mr. Collins.*

Practice in soil classification, survey and preparation of maps and reports. Soil mapping of provinces, series and types.

355. ADVANCED SOIL MANAGEMENT. 5 hours. Winter Quarter. Prerequisite: Agronomy 10. Campus II. *Mr. Collins* or *Mr. Garman.*

Covers the occurrence and properties of predominant soils and practices, and management to maintain fertility, prevent erosion, and increase crop production.

356. FERTILIZERS. 5 hours. Fall Quarter. Prerequisite: Agronomy 10. Campus II. *Mr. Collins.*

Covers source and use of fertilizer materials, soil conditions affecting use of fertilizers, and study of experimental data.

357. FARM MANURES. 5 hours. Spring Quarter. Prerequisite: Agronomy 10. Campus II. *Mr. Collins* or *Mr. Garman.*

Covers studies of the production, composition, care and handling of barnyard manures, artificial manures and green manures, with particular emphasis on the use of cover and strip crops used in the erosion control practices as a source of green manures for soil maintenance and improvement.

380. TOBACCO PRODUCTION. 5 hours. Winter Quarter. Prerequisite: Agronomy 1 and 10. Campus II. *Mr. Murray.*

This course will consist of a study of the history, production, culture, classes and types of tobacco produced in the United States, with special reference to flue-cured tobacco. Laboratory exercises will consist of grading, based on the Federal system, utilization, and research findings from the southern agricultural experiment stations.

SENIOR DIVISION COURSES

400-401 (Sr.) 600-601 (Gr.). ADVANCED COTTON PRODUCTION. 5 hours each. By arrangement. Prerequisite: Agronomy 302. Campus II. *Mr. Murray.*

An advanced study of the problems of cotton production in the United States and foreign countries.

402-403 (Sr.) 602-603 (Gr.). COTTON PRODUCTION PROBLEMS. 5 hours each. By arrangement. Prerequisite: Agronomy 400-600. Campus II. *Mr. Murray.*

This course is designed for students majoring in cotton and will consist of a problem, conferences, and assigned readings.

420 (Sr.) 620 (Gr.). ADVANCED FORAGE CROPS. 5 hours. Fall Quarter. Prerequisite: Agronomy 321. Campus II. *Mr. James* or *Mr. Murray.*

A further study of forage crop possibilities of the State, particularly with reference to legumes.

421 (Sr.) 621 (Gr.). CROP ADAPTATION. 5 hours. Winter Quarter. Prerequisite: Agronomy 320 and 321, or 302. Campus II. *Mr. Murray* or *Mr. James.*

A study of crop adaptation in the United States with special reference to the conditions and relationship to conditions in Georgia and plant requirements for meeting this condition.

422 (Sr.) 622 (Gr.). WORLD CROP PRODUCTION. 5 hours. Spring Quarter. Prerequisite: Agronomy 320 and 321, or 302. Campus II. *Mr. Fain, Mr. Murray or Mr. James.*

A study of the distribution of crop production and world possibilities, special attention being given to the reason for producing a particular crop in a given section.

458 (Sr.) 658 (Gr.). LAND CLASSIFICATION, LAND ZONING AND LAND USE PROBLEMS. 5 hours. Fall and Spring Quarters. Prerequisite: Agronomy 10. *Mr. Collins or Mr. Garman.*

This course is designed to train prospective teachers in agriculture, county agents, and foresters in the fundamentals of classifying, zoning, mapping land, working out land use problems on individual farms, communities and counties, and adjusting land use practices.

GRADUATE COURSES

850-851. FERTILIZERS. 10 hours. Prerequisites: Agronomy 10, 351, and 356, or equivalent. Campus II. *Mr. Collins or Mr. Garman.*

This course will consist of the study of the manufacture and use of commercial fertilizers, the principles involved in the application of fertilizers to crops and the study of experimental methods for determining values of fertilizer materials to plant growth. Specific problems will be studied in the greenhouse and field.

852-853. SOIL FERTILITY. 10 hours. Prerequisites: Agronomy 10, 351, and 356, or equivalent. Campus II. *Mr. Collins or Mr. Garman.*

The work of this course will consist of the study of crop requirements and the investigation of some problem definitely related to plant growth. Conferences, parallel readings and laboratory work will be required.

854-855. SOIL TYPES. 10 hours. Prerequisites: Agronomy 10, 351, and 353, or equivalent. Campus II. *Mr. Collins.*

a. A general study of the origin and formation of the soils of a given area.

b. Examination and investigation and classification of the soil series and types in the field. This course will consist of conferences, assigned readings, and field work.

856-857. SOIL TYPES OF NORTH GEORGIA. 10 hours. Prerequisites: Agronomy 10, 351, and 353, or equivalent. Campus II. *Mr. Collins.*

A study of the origin, formation, and classification of the soils of North Georgia. The course will consist of conferences, assigned readings, field investigations, and mapping of the soils.

858-859. SOIL TYPES OF SOUTH GEORGIA. 10 hours. Prerequisites: Agronomy 10, 351, and 353, or equivalent. Campus II. *Mr. Collins.*

A study of the origin, formation, and classification of the soils of

South Georgia. The course will consist of conferences, assigned readings, field investigations, and mapping of the soils.

ANIMAL HUSBANDRY

JUNIOR DIVISION COURSES

3. FARM ANIMAL PRODUCTION. 5 hours. Fall, Winter, and Spring Quarters. Campus II. *Mr. Jarnagin, Mr. Rice, and Mr. Ward.*

An introductory course in animal husbandry with emphasis given to the importance of the problems pertaining to the production of farm animals in a well balanced agricultural program.

SENIOR DIVISION COURSES

371. LIVESTOCK PRODUCTION. 5 hours. Spring Quarter. Prerequisite: Animal Husbandry 3. Campus II. *Mr. Rice.*

A practical study of the fundamental principles involved in the profitable production of the various classes of farm animals.

372. ANIMAL BREEDING. 5 hours. Winter Quarter. Campus II. *Mr. Rice.*

A study of the principles of genetics with special applications to the breeding of farm animals.

373. FEEDS AND FEEDING. 5 hours. Fall Quarter. Campus II. *Mr. Rice.*

A general introductory course in the feeding of all classes of farm animals.

374. ANIMAL NUTRITION. 5 hours. Winter Quarter. Prerequisite: Animal Husbandry 373. Campus II. *Mr. Jarnagin.*

An advanced course dealing with feeding the different classes of farm animals.

375. LIVESTOCK MARKETING. 5 hours. Winter Quarter. Campus II. *Mr. Jarnagin.*

A study of the various methods used in selling all classes of farm animals.

376. ADVANCED STOCK JUDGING. 5 hours. Spring Quarter. Prerequisite: Animal Husbandry 3. Campus II. *Mr. Rice.*

A course specially designed for students majoring in animal husbandry.

377. FARM MEATS. 5 hours. Winter Quarter. Campus II. *Mr. Rice.*

A practical course dealing with slaughtering, processing, and curing farm meat.

378. COMPARATIVE ANATOMY. 5 hours. Fall Quarter. Campus II. *Mr. Jones.*

A study of the anatomy of farm animals in its relation to function, adaptation, and soundness.

379. COMPARATIVE PHYSIOLOGY. 5 hours. Winter Quarter. Campus II. *Mr. Jones.*

A study of fundamental principles involved in the prevention of losses caused by parasites affecting farm animals.

381. PARASITOLOGY. 5 hours. Winter Quarter. Campus. II. *Mr. Jones.*

382. COMMON DISEASES OF FARM ANIMALS AND FOWLS. 5 hours. Fall and Spring Quarters. Campus II. *Mr Jones.*

A detailed study of the common diseases affecting farm animals.

383. SEX HYGIENE AND REPRODUCTION OF CATTLE. 5 hours. Fall Quarter. Campus II. *Mr. Jones.*

A detailed study of diseases affecting reproduction of cattle.

DAIRY HUSBANDRY

SENIOR DIVISION COURSES

389. DAIRY BACTERIOLOGY. 5 hours. Fall Quarter. Prerequisite: Bacteriology 350. Campus II. *Mr. Bennett.*

Determination of numbers of types of bacteria in dairy products and their significance; the use of microorganisms in the manufacture of dairy products.

390. DAIRY CATTLE IMPROVEMENT. 5 hours. Spring Quarter. Campus II. *Mr. Ward.*

Various methods of improving dairy cattle, including principles of breeding, breed registry, selection of the sire, and type classification; also a study of pedigrees, production records, and dairy cattle judging.

391. FARM DAIRYING. 5 hours. Fall and Spring Quarters. Campus II. *Mr. Bennett.*

Composition and properties of milk. Method of manufacturing dairy products and improving their quality.

392. MILK PRODUCTION AND DAIRY FARM MANAGEMENT. 5 hours. Fall Quarter. Campus II. *Mr. Jarnagin and Mr. Bennett.*

A study of the fundamental principles of feeding and managing dairy cattle.

394. MARKET MILK. 5 hours. Spring Quarter. Prerequisite: Dairy Husbandry 391. Campus II. *Mr. Bennett.*

Sanitary production and processing of milk supply, milk inspection systems, and marketing of milk.

395. DAIRY PLANT MANAGEMENT. 5 hours. Spring Quarter. Prerequisite: Dairy Husbandry 391. Campus II. *Mr. Bennett.*

Fundamental principles of the management of creameries and other dairy manufacturing plants.

396 a. ADVANCED WORK IN TESTING DAIRY PRODUCTS. 5 hours. Spring Quarter. Prerequisite: Dairy Husbandry 391. Campus II. *Mr. Bennett.*

Various tests employed in dairy processing and manufacturing plants.
396 b. DAIRY PRODUCTS JUDGING AND GRADING. 5 hours. Spring Quarter. Prerequisite: Dairy Husbandry 391. Campus II. *Mr. Bennett*.

Scoring and grading of milk, butter, cheese and ice cream.

397. CREAMERY BUTTER MAKING. 5 hours. Winter Quarter. Prerequisite: Dairy Husbandry 391. Campus II. *Mr. Bennett*.

Care of milk and cream. Separation of milk starters, cream ripening, churning, and preparation of butter for market.

398. CHEESE MAKING. 5 hours. Winter Quarter. Prerequisite: Dairy Husbandry 391. Campus II. *Mr. Bennett*.

Principles of cheese making, manufacture of cottage cheese, manufacture, curing, and storing of cheddar cheese.

399. ICE CREAM MAKING. 5 hours. Winter Quarter. Prerequisite: Dairy Husbandry 391. Campus II. *Mr. Bennett*.

Care and preparation of ingredients; manufacture of plain and fancy ice cream and related products.

ART

JUNIOR DIVISION COURSES

APPRECIATION

17. ART APPRECIATION. 3 hours. Fall, Winter, and Spring Quarters. Campuses I and III. *Mr. Dodd* and *Mr. Gambrell*.

For the student who is not an art student but who wants better to understand and enjoy art. This course is especially designed to be taken with the three hour lecture course Listener's History of Music (Music 43) under Mr. Hodgson.

30. ART SURVEY. 5 hours. Fall, Winter, and Spring Quarters. Campuses II and III. *Miss Ledford* and *Mr. Gambrell*.

A comprehensive approach to the field of art, providing a basis for the development of good taste and art appreciation. No particular talent is required for the completion of this course. Lectures, required reading, research, and problems in practical application of art principles. Required of art majors and majors in Home Economics and offered as a general elective.

35. FINE ARTS. 5 hours. Fall Quarter. Campus I. *Mr. Hodgson* and *Mr. Dodd*.

(Not open to students who have had Art 17 and Music 43).

DESIGN

40. ELEMENTARY DESIGN. 5 hours. Five laboratory periods per week. Winter Quarter. Campus III.

An elementary study of the principles of design and their application to varied simple projects.

41. DESIGN. 3 hours. Three laboratory periods. Winter Quarter. Campus III.

A further study of design principles with emphasis on the use of natural forms as source material.

DRAWING

50. DRAWING. 5 hours. Five laboratory periods. Spring Quarter. Campuses I and III.

50 a. DRAWING. 3 hours. Three laboratory periods. Fall Quarter. Campus I.

50 b. DRAWING. 3 hours. Three laboratory periods. Prerequisite: Art 50 a. Winter Quarter. Campus I.

51. DRAWING. 3 hours. Three laboratory periods. Spring Quarter. Campuses I and III.

HISTORY AND APPRECIATION

SENIOR DIVISION COURSES

281. HISTORY OF ART. 5 hours. Fall Quarter. Campus I. *Miss Ledford.*

A historical survey of the development of art from pre-historic times to the Italian Renaissance. Illustrated lectures.

282. HISTORY OF RENAISSANCE ART. 5 hours. Winter Quarter. Campus I. *Miss Holliday.*

A study of Art from the Italian Renaissance to the middle of the nineteenth century. Study of the great masterpieces in painting, sculpture, and architecture in relation to their social and historical background. Illustrated lectures.

283. HISTORY OF MODERN ART. 5 hours. Spring Quarter. Campus I. *Miss Holliday.*

This course deals with the most important movements in art since the middle of the nineteenth century and includes a survey of contemporary art. Illustrated lectures.

SENIOR DIVISION OR GRADUATE COURSES

435 (Sr.) 635 (Gr.). ART STRUCTURE. 5 hours. No prerequisite. Spring Quarter. Campus I.

Study of theory of art, designed for art majors as well as a general elective for advanced students of other departments.

DRAWING AND COMPOSITION

SENIOR DIVISION COURSES

221. DRAWING AND COMPOSITION. 5 hours. Five laboratory periods. Fall and Spring Quarters. Campus I.

Drawing from the human figure. Study of anatomy as an aid in understanding the figure. Figure and landscape composition.

222. DRAWING AND COMPOSITION. 5 hours. Five laboratory periods. Prerequisite: Art 221. Winter Quarter. Campus I.

Continuation of Art 221. Analysis of composition.

223. DRAWING AND COMPOSITION. 5 hours. Five laboratory periods. Prerequisite: Art 221. Spring Quarter. Campus I.

Continuation of Art 222.

202. DRAWING AND COMPOSITION. 5 hours. Five laboratory periods. Prerequisites: Art 211 and 223. Campus I.

Advanced problems in composition and figure drawing. Variety of media. Analysis of masterpieces, outside sketching.

PAINTING

231. PAINTING. 5 hours. Five laboratory periods. Prerequisite: Art 221. Spring Quarter. Campus I.

Portrait and figure painting. Landscape and still life. Demonstrations.

232. PAINTING. 5 hours. Five laboratory periods. Prerequisite: Art 231. Fall Quarter. Campus I.

Continuation of 231.

233. PAINTING. 5 hours. Five laboratory periods. Prerequisite: Art 232. Winter Quarter. Campus I.

Advanced painting. Experiments in various media and research.

234. PAINTING. 5 hours. Five laboratory periods. Prerequisite: Art 233. Spring Quarter. Campus I.

Continuation of 233.

241. WATER COLOR. 5 hours. Five laboratory periods. Prerequisite: Art 221. Fall and Spring Quarters. Campus I.

Problems in still life, landscape and figure composition are assigned to help the student discover his individual method of expression in water color.

242. WATER COLOR. 5 hours. Five laboratory periods. Prerequisite: Art 241. Campus I.

Continuation of 241.

DESIGN

211. DESIGN. 5 hours. Five laboratory periods. Prerequisite: Art 40. Fall Quarter. Campus I.

Application of the principles of design to the decorative arts and crafts. Assigned problems with special emphasis on the development of creative ability and individuality.

212. ADVANCED DESIGN. 5 hours. Five laboratory periods. Prerequisite: Art 211. Fall Quarter. Campus I.

Continuation of 211 with more advanced problems in creative design (assigned problems with individual criticism).

213. ADVANCED AND APPLIED DESIGN. 5 hours. Five laboratory periods. Prerequisites: Art 211 and 221. Winter Quarter. Campus I.

Continuation of 212. Advanced problems in creative design (or drawing) in relation to the commercial field with execution of the designs in the various materials and media.

286. HISTORIC ORNAMENT. 5 hours. Two hours lecture; three laboratory periods. Spring Quarter. Campus I.

A study of the origins and development of historic styles in ornament as related to architecture and the decorative arts.

COMMERCIAL ART AND ILLUSTRATION

207. ILLUSTRATION. 5 hours. Five laboratory periods. Prerequisites: Art 221 and 211. Winter Quarter. Campus I.

Practice in illustrative drawings. Instruction in layouts and the use of different media for reproduction.

208. ADVERTISING ART. 5 hours. Spring Quarter. Campus I.

A study of the principles of art as applied to advertising. Layouts including newspaper and magazine advertisements, posters, and package design. Types, lettering, and methods of reproduction. Lectures, class discussions with practical problems covering points discussed.

209. COMMERCIAL DESIGN. 5 hours. Five laboratory periods. Prerequisites: Art 211 and 221. Spring Quarter. Campus I.

Advanced problems in designing for posters, packages, magazine and newspaper advertisements and all types of commercial art. Study of the place of creative design in present day trends in advertising.

210. LETTERING. 5 hours. Five laboratory periods. Winter Quarter. Campus I.

Survey of the historic styles of lettering with a thorough study of the Roman alphabet. Modern brush and pen lettering. Layout and advertising problems with the use of appropriate type.

POTTERY AND CRAFTS

261. POTTERY. 5 hours. Five laboratory periods. Fall and Spring Quarters. Campus I.

Practice in handbuilding. Study of vase forms and other ceramic ware.

262. POTTERY. 5 hours. Five laboratory periods. Winter Quarter. Campus I.

Pottery building on wheel, molding, decorating and glazing.

263. POTTERY. 5 hours. Five laboratory periods. Prerequisite: Art 261. Spring Quarter. Campus I.

Continuation of 262.

265. POTTERY. 3 hours. Three laboratory periods. No prerequisite. Fall, Winter, and Spring Quarters. Campus I.

Elementary course in pottery.

270. MODELLING. 5 hours. Five laboratory periods. Prerequisite: Art 221. Winter Quarter. Campus I.

A course designed to give the student experience in working with solid media: clay or plastilina. Portrait and life models and weekly compositions. Also casting in plaster.

251. CRAFTS. 5 hours. Five laboratory periods. Prerequisites: Art 211 and 221. Fall Quarter. Campus II.

Metal work, batik, and block printing. Introductory course in the handling of the tools and materials used in the crafts listed.

252. CRAFTS. 5 hours. Five laboratory periods. Prerequisite: Art 351. Winter Quarter. Campus II.

Continuation of Art 351 with more advanced problems and further research into the various methods used in these crafts.

253. CRAFTS. 5 hours. Five laboratory periods. Prerequisite: Art 352. Spring Quarter. Campus II.

Full projects in the execution of original designs in the various crafts, stressing the suitability of the design to the medium and the ultimate use of the object.

255. CRAFTS. 3 hours. Three laboratory periods. Prerequisite: Art 30. Fall and Winter Quarters. Campus II.

Introductory course in crafts designed to give experience in working with a variety of tools and materials. Simple problems in weaving, dyeing, batik, embroidery, metal and reed work, and other projects related to home furnishing.

256. CRAFTS. 3 hours. Three laboratory periods. Prerequisite: Art 255. Winter and Spring Quarters. Campus II.

Continuation of Art 255 with more advanced problems in one or two crafts.

INTERIOR DECORATION

388. HISTORY OF INTERIOR DECORATION. 3 hours. Lecture. Winter Quarter. Campus II.

A history of the development of furniture, furniture design and decoration, with visits to furniture shops and decorating establishments.

390. INTERIOR DECORATION. 5 hours. Five laboratory periods. Prerequisite: Art 211. Fall Quarter. Campus I.

Simple problems in line, space, light, form, color and texture, as applied to interiors. Creating original designs in furniture and related furnishings. Rendering to scale.

391. INTERIOR DECORATION. 5 hours. Five laboratory periods. Prerequisites: Art 211 and 221. Winter Quarter. Campus I.

Study of types of rooms and suitable furnishings. Study of periods and present day trends. Executing original designs by scale models. Choice and actual arrangement of complete furnishings for a room.

200 a-b. GENERAL ART. 6 hours. (Three hours per quarter). The equivalent of five laboratory periods per week for six weeks. Prerequisites: Art 211 and 221. Fall, Winter, and Spring Quarters. Campuses I and II.

This is a special course designed for a limited number of students, who, in the opinion of their major professor and the head of the Department of Art, are qualified to carry on the work independent of regularly scheduled classroom hours.

With the advice of the Faculty the student will select from a list of projects those which suit his particular needs. Each project will have a credit value based on the normal count of time required for the completion of such a project. The student will assume full responsibility for time spent on each project. Criticism periods to be arranged with the instructor. When the accumulated values equal a half course credit the requirements of the first unit of this course will have been fulfilled. Acceptance of problems will be determined by accomplishments rather than the amount of time spent. The list of projects includes problems in design, applied arts, drawing, painting, and pottery. *Scheduling of this course must be approved by Head of Art Department.*

200. GENERAL ART. 5 hours. Prerequisites: Art 211 and 221. Fall, Winter, and Spring Quarters. (Same course as 200 a-b, except credit to be 5 hours complete in one quarter instead of 6 hours over two quarters). Campuses I and II.

Scheduling of this course must be approved by Head of Art Department.

SENIOR DIVISION COURSES

314. ART EDUCATION. 5 hours. Five laboratory periods per week. Fall Quarter. Campus I.

A study of trends in present day art education. Organization of the art curriculum in relation to the general program. Practice in drawing, painting, design, lettering, block printing and other work designed for students who are planning to teach art.

315. ART EDUCATION. 5 hours. Winter Quarter. Campus I.

Drawing, art appreciation, compositions in various mediums and other phases of art suitable for the grades and high school.

GRADUATE COURSES

800. GENERAL ART. 5 hours. Five laboratory periods per week. Fall, Winter, and Spring Quarters. Campus I. *Mr. Dodd.*

802. DRAWING AND COMPOSITION. 5 hours. Five laboratory periods per week. Prerequisites: Art 223, 234, 202. Fall Quarter. Campus I. *Mr. Dodd.*

803. DRAWING AND COMPOSITION. 5 hours. Five laboratory periods per week. Prerequisite: Art 802. Winter Quarter. Campus I. *Mr. Dodd.*

804. DRAWING AND COMPOSITION. 5 hours. Five laboratory periods per week. Prerequisite: Art 803. Spring Quarter. Campus I. *Mr. Dodd.*

831. PAINTING. 5 hours. Five laboratory periods per week. Prerequisites: Art 202, 223, 234. Fall Quarter. Campus I. *Mr. Dodd.*

832. PAINTING. 5 hours. Five laboratory periods per week. Prerequisite Art 831. Spring Quarter. Campus I. *Mr. Dodd.*

833. PAINTING. 5 hours. Five laboratory periods per week. Prerequisite: Art 832. Spring Quarter. Campus I. *Mr. Dodd.*

BACTERIOLOGY

SENIOR DIVISION COURSES

350. INTRODUCTORY BACTERIOLOGY. 5 hours. Two lecture or recitation and three double laboratory periods. Laboratory fee \$2.50. Breakage fee \$2.50. Prerequisites: Chemistry 21-22 (or 21-24) and two courses in Biological Science. Fall, Winter, and Spring Quarters. Campus I. *Mr. Burkhardt* and *Mr. Kuhn.*

This course is offered for students in Agriculture, Home Economics, Pharmacy and B.S. in Chemistry. It consists of an introduction to bacteriological principles and technique.

351. BACTERIOLOGY. 5 hours. Two recitation or lecture and three double laboratory periods. Laboratory fee \$2.50. Breakage fee \$2.50. Prerequisite: Bacteriology 350. Winter Quarter. Campus I. *Mr. Burkhardt.*

This course includes bacterial physiology and classification (continued from Course 350) and an introduction to sanitary bacteriology and serology.

SENIOR DIVISION OR GRADUATE COURSES

400 (Sr.) 600 (Gr.). GENERAL BACTERIOLOGY. 5 hours. Two lecture and three double laboratory periods. Laboratory fee \$2.50. Breakage fee \$2.50. Prerequisites: Chemistry 340 a and Botany 21-22 or Zoology 25-26. Spring Quarter. Campus I. *Mr. Kuhn.*

This course deals with the biology of the bacteria and the techniques employed in the study of them. It is offered for B.S. students who have a background in the biological sciences.

401 (Sr.) 601 (Gr.). PATHOGENIC BACTERIA. 5 hours. Two recitations or lecture and three double laboratory periods. Laboratory fee \$2.50. Breakage fee \$2.50. Prerequisite: Bacteriology 406. Winter Quarter. Campus I. *Mr. Kuhn.*

This course deals with typical disease producing bacteria.

406 (Sr.) 606 (Gr.). INFECTION AND IMMUNITY. 5 hours. Two recitation or lecture and three double laboratory periods. Laboratory fee \$2.50. Breakage fee \$2.50. Prerequisites: Bacteriology 400 and Zoology 309 and 356. Zoology 357 and Chemistry 351 are also recommended. Fall Quarter. Campus I. *Mr. Kuhn.*

Mechanisms of infection and resistance, including serology.

402 (Sr.) 602 (Gr.). DAIRY BACTERIOLOGY. 5 hours.

403 (Sr.) 603 (Gr.). SOIL BACTERIOLOGY. 5 hours.

405 (Sr.) 605 (Gr.). FOOD BACTERIOLOGY. 5 hours.

Laboratory fee for each course \$2.50. Prerequisites: Bacteriology 350 and 351. Campus I. These courses should be scheduled by arrangement with the Department. *Mr. Burkhardt.*

BOTANY

JUNIOR DIVISION COURSES

21. ELEMENTARY BOTANY. 5 hours. Five one-hour laboratory-discussion periods. Laboratory fee \$2.50. Fall, Winter, and Spring Quarters. Campus I. *Mr. Duncan, Mr. Harrold, and Mr. Worley.*

A study of (a) the structure of leaves, stems, and roots, (b) growth and nutritive processes of plants, and (c) the relations of plants to their environment.

22. ELEMENTARY BOTANY (Continued). 5 hours. Five one-hour laboratory-discussion periods. Laboratory fee \$2.50. Fall, Winter, and Spring Quarters. Campus I. *Mr. Duncan, Mr. Harrold, and Mr. Worley.*

A study of reproduction, variation, heredity, and evolution of seed plants, with studies of representatives of the other major plant groups and their importance.

SENIOR DIVISION COURSES

305. FIELD BOTANY. 5 hours. One lecture and four double laboratory periods. Laboratory fee \$2.50. Prerequisite: Botany 21-22. Spring Quarter. Campus I. *Mr. Duncan.*

A study of principles and rules underlying plant classification with practice in identification of local flowering plants.

323. ELEMENTARY PLANT ANATOMY. 5 hours. Five two-hour laboratory periods. Laboratory fee \$2.50. Prerequisite: Botany 21-22. Winter Quarter. Campus I. *Mr. Harrold.*

The origin and development of the organs and tissue system of vascular plants, and a comparative study of the structures of roots, stems, leaves, flowers and fruits.

358. METHODS IN PLANT HISTOLOGY. 5 hours. Five two-hour laboratory periods. Laboratory fee \$2.50. Prerequisite: Botany 21-22. Spring Quarter. Campus I. *Mr. Harold.*

Principles and methods of killing, fixing, embedding, sectioning, staining, and mounting plant materials for microscopic study.

375. PLANT ECOLOGY. 5 hours. Five two-hour periods; laboratory, discussion and field trips. Laboratory fee \$2.50. Prerequisite: Botany 21-22. Spring Quarter. Campus I. *Mr. Duncan.*

The relationship of plants and plant communities to the environments in which they grow.

380. PLANT PHYSIOLOGY. 5 hours. Two lecture and three two-hour laboratory periods. Laboratory fee \$2.50. Breakage deposit \$2.50. Prerequisites: Botany 21-22 and a background in physics and chemistry. Winter Quarter. Campus I. *Mr. Worley.*

A physiological survey of processes occurring in economic plants and the conditions which affect them.

SENIOR DIVISION OR GRADUATE COURSES

406 (Sr.) 606 (Gr.). TAXONOMY OF WOODY PLANTS. 5 hours. One lecture and four two-hour laboratory periods. Laboratory fee \$2.50. Prerequisite: Botany 21-22 and permission of instructor. Fall Quarter. Campus I. *Mr. Duncan.*

Studies in identification of Georgia trees and shrubs, with emphasis on identification in winter condition.

431 (Sr.) 631 (Gr.). MORPHOLOGY OF SEED PLANTS. 5 hours. One lecture and four two-hour laboratory periods. Laboratory fee \$2.50. Prerequisites: Botany 21-22 and 323. Time by arrangement. Campus I. *Mr. Harrold.*

Critical studies of representative seed plants, considering their development, morphology, and relationships.

471 (Sr.) 671 (Gr.). TAXONOMY OF SEED PLANTS. 5 hours. Two lecture and three two-hour laboratory periods. Laboratory fee \$2.50. Prerequisites: Botany 305 and one other Senior Division course in Botany. Winter Quarter. Campus I. *Mr. Duncan.*

A study of the concepts and system of classification, problems of nomenclature, and the taxonomy of specialized groups.

472 (Sr.) 672 (Gr.). TAXONOMY OF SEED PLANTS (Continued). 5 hours. Two lecture and three two-hour laboratory periods. Laboratory

fee \$2.50. Prerequisites: Botany 471 or 671. Spring Quarter. Campus I. *Mr. Duncan.*

A continuation of course 471.

480 (Sr.) 680 (Gr.). GENERAL PHYSIOLOGY. 5 hours. Three lecture and two two-hour laboratory periods. Laboratory fee \$2.50. Breakage deposit \$5.00. Prerequisites: Botany 21-22 or Zoology 21-22, and Chemistry 21-22-23 and 346 or its equivalent. Fall Quarter. Campus I. *Mr. Worley.*

The lectures include a study of the physical and chemical basis of living protoplasm, the laboratory periods include the use of analytical measurements and determinations of physiological phenomena.

482 (Sr.) 682 (Gr.). NUTRITION OF GREEN PLANTS. 5 hours. Two lectures and three two-hour laboratory periods. Laboratory fee \$2.50. Breakage deposit \$5.00. Prerequisites: Botany 380 and one other Senior Division course in Botany. Spring Quarter. Campus I. *Mr. Worley.*

A survey of the nutrition of the higher plants, including major and minor elements and deficiency symptoms.

483 (Sr.) 683 (Gr.). ADVANCED PLANT PHYSIOLOGY. 5 hours. Two lectures and three two-hour laboratory periods. Laboratory fee \$2.50. Breakage deposit \$5.00. Prerequisites: Botany 380 or 480 and 482-682. Spring Quarter. Campus I. *Mr. Worley.*

A study of the syntheses of commercial products produced by economic plants.

NOTE: For courses in Genetics see Zoology 370. For courses in Mycology see Plant Pathology 420 (620) and 421 (621). These courses are accepted for Botany credit.

CHEMISTRY

JUNIOR DIVISION COURSES

PHYSICAL SCIENCE 1-2. The Chemistry Department cooperates with the departments of Physics, Geology and Geography in giving these courses.

INORGANIC CHEMISTRY

JUNIOR DIVISION COURSES

21. INORGANIC CHEMISTRY. 5 hours. Four lectures or recitations and one laboratory period. Fee \$2.50. Breakage deposit \$5.00. Fall and Winter Quarters. Campuses I, II, and III. *Mr. Carter, Mr. Brockman, Mr. Mote, Mr. Whitehead, Mr. Wilder, Mr. Coggin, and Assistants.*

A general course in the chemistry of the non-metallic elements, including a systematic treatment of chemical principles and their applications.

22. INORGANIC CHEMISTRY. 5 hours. Four lectures or recitations and one laboratory period. Fee \$2.50. Breakage deposit \$5.00. Prerequisite: Chemistry 21. Winter and Spring Quarters. Campuses I and III. *Mr. Brockman, Mr. Whitehead, Mr. Mote, Mr. Coggin, and Assistants.*

A continuation of Chemistry 21, including a general survey of the metallic elements.

24. INORGANIC CHEMISTRY. (For Agricultural students). 5 hours. Four lectures or recitations and one laboratory period. Fee \$2.50. Breakage deposit \$5.00. Prerequisite: Chemistry 21. Winter and Spring Quarters. Campus II. *Mr. Carter, Mr. Wilder, Mr. Coggin, and Assistants.*

A continuation of Chemistry 21, with especial emphasis on subject matter related to agriculture.

370. INORGANIC INDUSTRIAL CHEMISTRY. 5 hours. No fee. Prerequisite: Chemistry 22 or 24, or their equivalents, and one other chemistry course with laboratory. Fall Quarter. Campus I. *Mr. Brockman.*

Important chemical processes and recent chemical developments in various industries.

SENIOR DIVISION OR GRADUATE COURSES

420 (Sr.) 620 (Gr.). ADVANCED INORGANIC CHEMISTRY. 5 hours. No fee. Prerequisite: Chemistry 22, or equivalent, and two other chemistry courses with laboratory. Fall Quarter 1941 and Summer of 1941. Campus I. *Mr. Whitehead.*

Chemical laws, theories, and hypotheses.

421 (Sr.) 621 (Gr.). ADVANCED INORGANIC CHEMISTRY. 5 hours. No fee. Prerequisite: Chemistry 23, and one other chemistry course with laboratory. Fall Quarter 1940 and Summer of 1940. Campus I. *Mr. Brockman.*

The lesser known elements.

422 (Sr.) 622 (Gr.). ADVANCED INORGANIC CHEMISTRY. 5 hours. One lecture and four laboratory periods. Fee \$2.50. Breakage deposit \$5.00. Prerequisite: Chemistry 22, or equivalent, and two other chemistry courses with laboratory. Spring Quarter 1941 and Summer of 1942. Campus I. *Mr. Mote.*

Theory and practice of inorganic preparations.

ANALYTICAL CHEMISTRY

JUNIOR DIVISION COURSES

23. QUALITATIVE INORGANIC ANALYSIS. 5 hours. Two lectures or recitations, and three laboratory periods. Fee \$2.50. Breakage de-

posit \$5.00. Prerequisite: Chemistry 22 and 24. Fall and Spring Quarters. Campus I. *Mr. Whitehead and Assistants.*

The fundamental theories of qualitative analysis and analyses of the common cations and anions.

380. QUANTITATIVE INORGANIC ANALYSIS. 5 hours. Two lectures and three laboratory periods. Fee \$2.50. Breakage deposit \$5.00. Prerequisite: Chemistry 23. Fall, Winter, and Spring Quarters. Campus I. *Mr. Whitehead.*

The fundamental theories of quantitative analysis and typical gravimetric, volumetric, and oxidimetric analyses.

SENIOR DIVISION OR GRADUATE COURSES

480 (Sr.) 680 (Gr.). ADVANCED QUANTITATIVE ANALYSIS. 5 hours. One lecture or recitation and four laboratory periods. Fee \$2.50. Breakage deposit \$5.00. Prerequisite: Chemistry 380. Spring Quarter. Campus I. *Mr. Whitehead.*

A continuation of Chemistry 380, including electrometric, iodimetric, and colorimetric determinations, and also the theory and use of organic precipitants in analytical chemistry.

481 (Sr.) 681 (Gr.). COMMERCIAL ANALYSIS. 5 hours. One lecture or recitation and four laboratory periods. Fee \$2.50. Breakage deposit \$5.00. Prerequisites: Chemistry 380 and 340 a or equivalent. Fall Quarter. Campus I. *Mr. Whitehead.*

The analysis of alcohols, sugars, nitrogen, compounds, cellulose derivatives and oils as applied to commercial products.

482 (Sr.) 682 (Gr.). SPECIAL METHODS OF ANALYSIS. 5 hours. One consultation and four laboratory periods. Fee \$2.50. Breakage deposit \$5.00. Prerequisite: Chemistry 481. Campus I. By arrangement. *Mr. Whitehead.*

Special analytical methods such as potentiometric titrations, electrometric determinations, chemical microscopy, and others. This course will be varied to suit the needs of the individual student.

AGRICULTURAL AND BIOCHEMISTRY

SENIOR DIVISION COURSES

(See Courses 21, 24 and 346)

351. PHYSIOLOGICAL CHEMISTRY. 5 hours. Three lectures or recitations and two laboratory periods. Fee \$2.50. Breakage deposit \$5.00. Prerequisite: Chemistry 346 or 340 a. Spring Quarter. Campus II. *Mr. Coggin.*

Fundamental principles of physiological chemistry in the animal body including the chemistry of foods, digestion, metabolism and excretions.

352. BIOCHEMISTRY. 5 hours. Four lectures or recitations and one laboratory period. Fee \$2.50. Breakage deposit \$5.00. Prerequisite: Chemistry 346 or 340 a. Winter Quarter. Campus II. *Mr. Coggin.*

The fundamental principles of biochemistry, both plant and animal.

360. AGRICULTURAL ORGANIC CHEMISTRY. 5 hours. Three lectures or recitations and two laboratory periods. Fee \$2.50. Breakage deposit \$5.00. Prerequisite: Chemistry 346. Campus II. *Mr. Carter.*

A continuation of Chemistry 346 dealing principally with aromatic compounds and with organic reactions.

361. AGRICULTURAL CHEMISTRY. 5 hours. No fee. Prerequisite: Chemistry 346. Fall Quarter. Campus II. *Mr. Wilder.*

Chemical aspects of germination, synthesis, catabolism and residues of plants and the chemical compounds of soils, fertilizers, and insecticides.

362. AGRICULTURAL CHEMISTRY. 5 hours. No fees. Prerequisite: Chemistry 346. Winter Quarter. Campus II. *Mr. Wilder.*

The chemistry of feed-stuffs and animal metabolism and the chemical composition of animal products.

368. MICROCHEMICAL ANALYSIS OF SOILS. 5 hours. Five lectures, recitations, or laboratory periods. Fee \$2.50. Breakage deposit \$5.00. Prerequisites: Chemistry 346, and Soils 10. Spring Quarter. Campus II. *Mr. Wilder.*

Methods of soil sampling and tests employed for the determination of some water soluble cations and anions most frequently found in soils.

450 (Sr.) 650 (Gr.). BIOCHEMISTRY. 5 hours. Five lectures, recitations, or laboratory periods. Fee \$2.50. Breakage deposit \$5.00. Prerequisite: Chemistry 351 or 352. Campus II. Offered upon request. *Mr. Carter and Mr. Coggin.*

Introduction to biochemical research.

460 (Sr.) 660 (Gr.). AGRICULTURAL QUANTITATIVE ANALYSIS. 5 hours. One lecture or recitation and four laboratory periods. Fee \$2.50. Breakage deposit \$5.00. Prerequisite: Chemistry 380. Winter Quarter. Campus II. *Mr. Wilder.*

Analyses of dairy products, feeds and feed-stuffs, fertilizers, insecticides, and methods of soil and water analysis.

461 (Sr.) 661 (Gr.). ADVANCED AGRICULTURAL QUANTITATIVE ANALYSIS. 5 hours. One lecture or recitation and four laboratory periods. Fee \$2.50. Breakage deposit \$5.00. Prerequisite: Chemistry 460 or 660. Spring Quarter. Campus II. *Mr. Wilder.*

A continuation of Chemistry 460 or 660.

ORGANIC CHEMISTRY

SENIOR DIVISION COURSES

340 a-b. ORGANIC CHEMISTRY. 10 hours. Five hours per quarter. Three or four lectures or recitations and one or two laboratory periods. Fee \$5.00 (\$2.50 for each quarter). Breakage deposit \$10.00 (\$5.00 for each quarter). Prerequisite: a grade of 70 or better in Chemistry 21 and 22 or 24. 340 a—Fall and Winter Quarters. 340 b—Winter and Spring Quarters. Campus I. *Mr. Scott, Mr. Coggin, and Assistants.*

Chemistry 340 a—The aliphatic hydrocarbons and their derivatives.

Chemistry 340 b—A continuation of 340 a and a treatment of the coal tar compounds.

346. ELEMENTS OF ORGANIC CHEMISTRY. (For Agricultural and Home Economics students). 5 hours. Four lectures or recitations and one laboratory period. Fee \$2.50. Breakage deposit \$5.00. Prerequisite: Chemistry 22 or 24. Fall and Spring Quarters—Campus II. Spring Quarter—Campus III. *Mr. Carter, Mr. Coggin, Mr. Mote, and Mr. Wilder.*

A brief introduction to organic chemistry.

371. ORGANIC INDUSTRIAL CHEMISTRY. 5 hours. No fee. Prerequisite: Chemistry 346 or 340 a-b. Winter Quarter. Campus I. *Mr. Brockman.*

Important chemical processes and recent developments in various organic chemical industries.

SENIOR DIVISION OR GRADUATE COURSES

440 (Sr.) 640 (Gr.). ADVANCED ORGANIC PREPARATIONS. 5 hours. One consultation and four laboratory periods. Fee \$2.50. Breakage deposit \$5.00. Prerequisite: A grade of 80 or better in Chemistry 340 a-b. Fall and Spring Quarters. Campus I. *Mr. Scott.*

Selected syntheses such as Grignard, Friedel and Craft, Acetoacetic ester and others, also oxidations, reductions, and condensations.

441 (Sr.) 641 (Gr.). ORGANIC QUALITATIVE ANALYSIS. 5 hours. One consultation and four laboratory periods. Fee \$2.50. Breakage deposit \$5.00. Prerequisite: Chemistry 440 or 640. Fall and Winter Quarters. Campus I. *Mr. Scott.*

Identification of pure organic compounds and of mixtures.

442 (Sr.) 642 (Gr.). ORGANIC QUANTITATIVE ANALYSIS. 5 hours. One consultation and four laboratory periods. Fee \$2.50. Breakage deposit \$5.00. Prerequisite: Chemistry 441 and 380. By arrangement. Campus II. *Mr. Whitehead.*

Quantitative analysis of organic compounds of carbon, hydrogen, oxygen, and nitrogen by combustion; the determination of halogens

and sulfur by the bomb method. Both macro and micro methods are available.

449 (Sr.) 649 (Gr.). INTRODUCTION TO ORGANIC RESEARCH. 5 hours. One consultation and four library or laboratory periods. Fee \$2.50. Breakage deposit \$5.00. Prerequisite: Chemistry 441 or 641. Fall, Winter, and Spring Quarters. Campus I. *Mr. Scott.*

A study of chemical literature and the laboratory preparation of several substances, the directions for whose formation are to be found only in the original literature.

PHYSICAL CHEMISTRY

SENIOR DIVISION COURSES

390. ELEMENTS OF PHYSICAL CHEMISTRY. 5 hours. No fee. Prerequisite: Chemistry 340 a or 346. Spring Quarter. Campus I. *Mr. Mote.*

A brief introduction to physical chemistry, designed primarily for pre-medical students.

490 a-b (Sr.) 690 a-b (Gr.). PHYSICAL CHEMISTRY. 12 hours. Four lectures or recitations and two laboratory periods. Fee \$5.00 (\$2.50 for each quarter). Breakage deposit \$10.00 (\$5.00 for each quarter). Prerequisite: Chemistry 380 and 340 a or 346. Fall and Winter Quarters. Campus I. *Mr. Mote.*

The two courses 490 a-b or 690 a-b cover the fundamental principles of physical chemistry.

492 (Sr.) 692 (Gr.). ADVANCED PHYSICAL CHEMISTRY. 5 hours. Three lectures or recitations and two laboratory periods. Fee \$2.50. Breakage deposit \$5.00. Prerequisite: Chemistry 490 a-b or 690 a-b. Campus I. *Mr. Mote.* Offered upon request.

Selected topics in physical chemistry.

493 (Sr.) 693 (Gr.). ADVANCED PHYSICAL CHEMISTRY. CHEMICAL THERMODYNAMICS. 5 hours. No fee. Prerequisite: Chemistry 490 a-b or 690 a-b. Campus I. *Mr. Mote.* Offered upon request.

CLASSICAL CULTURE

JUNIOR DIVISION COURSES

CLASSICAL CULTURE 1a-b-c. 9 hours. (Three hours each quarter). Fall, Winter, and Spring Quarters. Campuses I and III. *Mr. McWhorter.*

A study of the characteristics and influence of Greek and Roman culture, made principally through translations of Greek and Latin writers.

SENIOR DIVISION COURSES

LATIN 458. ROMAN LITERATURE IN TRANSLATION. 5 hours. Spring Quarter. Campus I. *Mr. McWhorter.*

A detailed study in translation of contributions to world literature of representative Roman writers.

COMMERCE

(For Economics courses, see page 154)

JUNIOR DIVISION COURSES

6. PRINCIPLES OF ACCOUNTING. First course. 5 hours. Fall, Winter, and Spring Quarters. Campuses I and III. *Mr. Raisty, Mr. Leyden, Mr. Brakefield, and Mr. Scheider.*

An introduction to the fundamental principles and practices of accounting; the construction and interpretation of balance sheet and profit and loss statements; the theory of debits and credits as applied to business transactions.

7. PRINCIPLES OF ACCOUNTING. Second course. 5 hours. Prerequisite: Commerce 6. Fall, Winter, and Spring Quarters. Campus I. *Mr. Raisty, Mr. Leyden, Mr. Brakefield, and Mr. Scheider.*

An application of accounting principles to certain specialized problems, such as proprietorship under the various forms of business organization; manufacturing accounts and manufacturing cost controls; accounting for fire losses, consignments, bonds, and sinking funds.

SENIOR DIVISION COURSES

300 a-b-c. SHORTHAND. 9 hours. (Five hours per week for three quarters.) Campus I. *Mr. Ellis.*

A complete course in Gregg shorthand theory and dictation, with emphasis on accuracy and speed. A minimum speed of 100 words per minute is required at the end of the third quarter.

A student may take shorthand without typewriting, but in order to complete the requirements for Commerce 300 c he must have had Commerce 304 or its equivalent.

303. TYPEWRITING. First course. 2 hours. (Five hours per week.) Fall and Winter Quarters. Fee \$5.00. Campus I. *Mr. Ellis.*

A first course in typewriting. The objectives of this course are to teach the keyboard; to make error analyses; to establish correct typing habits; to give the student an introduction to typing problems of the business office.

304. TYPEWRITING. Second course. 2 hours. (Five hours per week.) Winter and Spring Quarters. Fee \$5.00. Campus I. *Mr. Ellis.*

A continuation of Commerce 303, with emphasis on typing problems of the business office, including the business letter, tabulation, manuscript typing, and the development of speed and accuracy.

305. TYPEWRITING. Third course. 2 hours. (Five hours per week). Fall and Spring Quarters. Fee \$5.00. Campus I. *Mr. Ellis.*

A continuation of Commerce 304. Emphasis is placed on the accurate and skillful use of the typewriter in office typing projects: typing office forms, tabulation, legal documents, typing from rough draft, and other advanced exercises. Minimum speed and accuracy requirement of 45 words per minute.

308. BUSINESS CORRESPONDENCE. 5 hours. Fall and Winter Quarters. Prerequisite: English 2. Campus I. *Mr. Ellis.*

Instruction in the use of correct business English in writing letters and reports. Attention will be given to letters involving sales and purchases, credits and collections, applications, recommendations, acknowledgments, tabular reports, and other communications of a routine business nature.

309. METHODS OF TEACHING COMMERCIAL SUBJECTS. 5 hours. Winter Quarter. Campus I *Mr. Ellis.*

A course designed for prospective high school teachers of commercial subjects, including a brief background history of the development of commercial education, the commercial curriculum, modern methods and materials in the teaching of commercial subjects.

310. OFFICE TRAINING. 5 hours. Prerequisite: Commerce 300 a-b-c and 305. Spring Quarter. Fee \$5.00. Campus I. *Mr. Ellis.*

An advanced secretarial course with emphasis on secretarial duties; business ethics; mechanics of letter writing; business and legal forms; filing; shipping; duplicating; office appliances; actual office work.

340. BUSINESS PRACTICE. 15 hours. Prerequisite: Three years college work leading to B.S.C. degree.

A few superior students are permitted in their senior year to enter business establishments for the purpose of obtaining practical experience. The period of absence is limited to one quarter. For details of the plan see bulletin of the School of Commerce.

354. INTERMEDIATE ACCOUNTING. 5 hours. Fall Quarter. Prerequisite: Commerce 6 and 7. Campus I. *Mr. Leyden.*

Advanced technique and theory as applied to the accounting process.

MATHEMATICS 356. THE ELEMENTS OF STATISTICS. 5 hours. Fall, Winter, and Spring Quarters. Campus I. *Mr. Cumming.*

A course in statistical methods offered by the Department of Mathematics and treating the collection, classification and presentation of statistics. This course is required of all candidates for the B.S.C. degree.

MATHEMATICS 357. ADVANCED STATISTICS. Fall, Winter, and Spring Quarters. Prerequisite: Mathematics 356. Campus I. *Mr. Cumming.*

MATHEMATICS 361. THE MATHEMATICS OF INVESTMENT. 5 hours. Fall and Spring Quarters. Campus I. *Mr. Stephens* and *Mr. Cumming.*

A course in the mathematics of annuities, bonds, and insurance, offered by the Department of Mathematics.

370. BUSINESS LAW. First course. 5 hours. Fall and Winter Quarters. Campus I. *Mr. Heckman.*

The fundamental general laws of business with emphasis on the Georgia law; contracts, agency, negotiable instruments.

371. BUSINESS LAW. Second course. 5 hours. Prerequisite: Commerce 370. Spring Quarter. Campus I. *Mr. Heckman.*

A continuation of Commerce 370, dealing with sales, partnership, corporations, bankruptcy, real estate, insurance and banking.

375. PRINCIPLES OF TRANSPORTATION. 5 hours. Spring Quarter. Campus I. *Mr. Jenkins.*

A study of the principles of transportation with special emphasis on the history and regulation of steam railways here and abroad.

387. LIFE INSURANCE. 5 hours. Fall Quarter. Campus I. *Mr. Scheider.*

The uses of life insurance; mortality tables; types of policies; reserves and policy values; organization of life insurance companies; group and industrial insurance; unemployment insurance and old age pensions; state supervision of life insurance.

397. PROPERTY AND CASUALTY INSURANCE. 5 hours. Winter Quarter. Campus I. *Mr. Scheider.*

The functions of fire and casualty insurance; organization of carriers; standard policies; essentials of insurance law; types of underwriters; settlement of losses; clauses and forms; marine and inland marine insurance; automobile, title, credit and other miscellaneous forms of property and casualty insurance.

SENIOR DIVISION OR GRADUATE COURSES

412 (Sr.) 612 (Gr.). AUDITING. 5 hours. Prerequisite: Commerce 6 and 7. Winter Quarter. Campus I. *Mr. Leyden* and *Mr. Brakefield.*

An introduction to auditing theory and practice. The qualifications, duties, and responsibilities of the public auditor; problems involved in making detailed and balance sheet audits.

413 (Sr.) 613 (Gr.). COST ACCOUNTING. 5 hours. Prerequisite: Commerce 6 and 7. Spring Quarter. Campus I. *Mr. Leyden* and *Mr. Brakefield.*

Methods of ascertaining and distributing costs, illustrated with formal sets; standard cost problems and estimated cost systems.

415 (Sr.) 615 (Gr.). INCOME TAX ACCOUNTING. 5 hours. Prerequisite: Commerce 6 and 7. Fall Quarter. Campus I. *Mr. Heckman.*

An interpretation of Federal and State income tax laws with practice material requiring an application of their provisions to the returns of individuals, partnerships, and corporations.

416 (Sr.) 616 (Gr.). ACCOUNTING PROBLEMS. 5 hours. Prerequisite: Commerce 354. Winter Quarter. Campus I. *Mr. Heckman.*

Intended to prepare students for the examinations set by the State

Board of Examiners for the certificate of Certified Public Accountant.

417 (Sr.) 617 (Gr.). C. P. A. REVIEW. 5 hours. Prerequisite: Commerce 416. Spring Quarter. Campus I. *Mr. Heckman.*

Immediately preceding the May C. P. A. examination in Georgia, students are drilled in the problems likely to be covered in the major subjects of the examination.

418 (Sr.) 618 (Gr.). MUNICIPAL ACCOUNTING. 5 hours. Spring Quarter. Campus I. *Mr. Raisty.*

The study of accounting problems and procedures pertaining to state and local governments and their institutions; governmental classification of receipts and expenditures; preparation of reports; budgeting and operation of fund accounts.

419 (Sr.) 619 (Gr.). TAX ACCOUNTING. 5 hours. Winter Quarter. Campus I. *Mr. Heckman.*

A continuation of Commerce 415 (Sr.) 615 (Gr. with emphasis upon corporation income tax laws, social security taxes, gift taxes and estate taxes.

420 a-b-c. MACHINE ACCOUNTING. 9 hours (Three hours per quarter). Campus I. *Mr. Winter.*

This course is restricted to those majoring in accounting, and is designed to familiarize the students with the use of the punch card accounting equipment. Complete sets of books will be used to bring out the various uses of the machines for accounting purposes. Registration for this course is with permission of instructor.

426 (Sr.) 626 (Gr.). BANKING. 5 hours. Spring Quarter. Campus I. *Mr. Sutton.*

An analysis of the banking function; types of banking institutions; the history of American banking; detailed treatment of the Federal Reserve System.

430 (Sr.) 630 (Gr.). CORPORATION FINANCE. 5 hours. Fall Quarter. Campus I. *Mr. Sutton.*

The promotion and organization of corporations; forms of securities issued; problems of financial administration; analysis of the causes of failures; the rehabilitation of bankrupt corporations.

431 (Sr.) 631 (Gr.). INVESTMENTS. 5 hours. Winter Quarter. Campus I. *Mr. Sutton.*

The elements of an "ideal" investment; the examination and testing of specific investment securities issued by railroad, public utility, industrial, mining, shipping, and other corporations.

462 (Sr.) 662 (Gr.). RETAILING. 5 hours. Winter Quarter. Campus I. *Mr. Jenkins.*

The organization and operation of various types of retail merchandising units; the principles of store management, market analysis and alternative methods and agencies.

463 (Sr.) 663 (Gr.). ADVERTISING. 5 hours. Fall Quarter. Campus I. *Mr. Jenkins.*

A comprehensive survey covering the history and economics of

advertising, advertising research, techniques, effectiveness, and the advertising organization. The economic aspects of advertising are emphasized rather than the techniques of copy and layout.

464 (Sr.) 664 (Gr.). SALES MANAGEMENT. 5 hours. Spring Quarter. Campus I. *Mr. Jenkins.*

Sales administration, planning, and execution, as applied to manufacturing and wholesaling concerns.

488 (Sr.) 688 (Gr.). THE SECURITIES MARKET. 5 hours. Winter and Spring Quarters. Campus I. *Mr. Sutton.*

A study of the organization and functions of the New York Stock Exchange; types of transactions, types of traders, brokerage houses, the nature of speculation; relation of business cycles to stock prices; forecasting.

DRAMATIC ART

JUNIOR DIVISION COURSES

30. HISTORY OF THE THEATER. 5 hours. Fall Quarter. Campus I. *Mr. Crouse.*

A general survey of the development of the theater from Greece to the present, including study of representative plays of each period, forms and methods of production, and theater structures.

33. ACTING: PANTOMIME AND DICTION. 5 hours. Winter Quarter. Campus I. *Mr. Crouse.*

Training in effective stage movement and correct speaking; study of characterization in the theater. Students appear in production directed by members of Dramatic Art 350.

SENIOR DIVISION COURSES

334. TECHNICAL PRODUCTION. 5 hours. Fall Quarter. Campus I. *Mr. Crouse.*

Scene building, rigging, and handling; construction drawings; and other technical problems of the theater. Students handle the production of University Theater plays.

335. SCENE DESIGN. 5 hours. Spring Quarter. Campus I. *Mr. Crouse.*

The relation of the fine and applied arts to stage design; technique of designers' drawings.

336. STAGE LIGHTING. 5 hours. Prerequisite: Physical Science 1 or Physics 20. Winter Quarter. Campus I. *Mr. Crouse.*

Study of the aesthetic and mechanical problems of lighting in the theater; lighting instruments; elementary physics of light and electricity; operation of a stage switchboard.

350. PLAY PRODUCTION AND DIRECTING. 5 hours. Spring Quarter. Campus I. *Mr. Crouse.*

Principles of effective stage direction—movement, composition,

rhythm, dramatic structure. Recommended for students who will teach in high schools or colleges. Each member of the course must direct a one-act play cast from students in Dramatic Art 33.

ECONOMICS

(For Commerce courses, see page 149)

JUNIOR DIVISION COURSES

1. AN INTRODUCTION TO BUSINESS. 5 hours. Fall, Winter, and Spring Quarters. Campus I. Spring Quarter, Campus III. *Mr. Scheider* and *Mr. Brakefield*.

A survey of the functions and practices of modern business, and a description of economic institutions.

5. PRINCIPLES OF ECONOMICS. 5 hours. Fall, Winter, and Spring Quarters. Campus I. *Mr. Brooks*, *Mr. Segrest*, and *Mr. Beckwith*.

A description and critical analysis of the organization of modern society from an economic point of view, with a brief introduction to the theory of value and distribution, provided specifically for students in departments other than the School of Commerce.

55 a-b-c. PRINCIPLES OF ECONOMICS. 9 hours. (Three hours per quarter.) Campuses I and III. *Mr. Sutton*, *Mr. Beckwith*, and *Mr. Segrest*.

This course in the Principles and Problems of Economics will be offered on the extensive basis and is required of all sophomores in the School of Commerce. Other students may take this course, if Economics 5 does not fit in with their schedules.

SENIOR DIVISION COURSES

333. AMERICAN ECONOMIC HISTORY. 5 hours. Spring Quarter. Campus I. *Mr. Segrest*.

A survey of American economic development from the colonial period to the present, with emphasis on the economic factors involved in American sectional conflicts and political institutions.

360. PRINCIPLES OF MARKETING. 5 hours. Fall Quarter. Campus I. *Mr. Jenkins*.

The production of time, place, and possession utilities. The market and marketing institution are studied from the functional approach.

361. MARKETING PROBLEMS. 5 hours. Winter Quarter. Campus I. *Mr. Jenkins*.

A second course in marketing, considering the role of marketing in competitive economic society and desirable improvements in marketing methods, with application to cases and problems.

380. INTERNATIONAL TRADE. 5 hours. Spring Quarter. *Mr. Beckwith*.

An examination of the theory of international trade and trade policies; international debts, reparations, and monetary movements are discussed as illustrative material.

384. SOCIAL SECURITY. 5 hours. Spring Quarter. Campus I. *Mr. Segrest.*

A survey of the field of social insurance with special emphasis on the Federal Social Security Act. Attention is given to the experience of European countries in this field.

385. PERSONNEL ADMINISTRATION. 5 hours. Prerequisite: Psychology 1. Spring Quarter. Campus I. *Mr. Segrest.*

The principles and practices in the field of the administration of human relations in industry. A discussion of such problems as worker selection, advancement, job analysis, wages, worker education, health and safety.

394. EUROPEAN ECONOMIC HISTORY. 5 hours. Spring Quarter. Campus I. *Mr. Beckwith.*

The economic institutions and ideas of the ancient world; an extended examination of the economic aspects of feudalism; the rise of capitalism and the evolution of economic life in Europe as related to the early development of the western hemisphere.

SENIOR DIVISION OR GRADUATE COURSES

406 (Sr.) 606 (Gr.). ADVANCED ECONOMICS. 5 hours. Fall Quarter. Campus I. *Mr. Beckwith.*

This course includes (1) a review of elementary work in the theory of value and distribution under pure competition or monopoly, (2) the theory of value and distribution under duopoly, oligopoly and monopolistic competition, and (3) the problem of value and distribution under collectivism.

407 (Sr.) 607 (Gr.). THE HISTORY OF ECONOMIC THOUGHT. 5 hours. *Mr. Beckwith.* (Not offered 1940-41).

A review of the history of economic theory. The evolution of the important principles of economics, with emphasis laid on the history of the theories of value and distribution.

434 (Sr.) 634 (Gr.). PUBLIC FINANCE. 5 hours. Fall Quarter. Campus I. *Mr. Raisty.*

A general consideration of American public expenditures, revenues, and fiscal administration; classification and purposes of expenditures; tax assessment and administration; analysis of different kinds of taxes with respect to incidence, productivity and position in the fiscal structure; governmental borrowing and indebtedness.

435 (Sr.) 635 (Gr.). STATE AND LOCAL PUBLIC FINANCE. 5 hours. Prerequisite: Economics 434. Winter Quarter. Campus I. *Mr. Raisty.*

A detailed treatment of the revenues, expenditures, and fiscal administration of Georgia and its political subdivisions; special tax commission reports; Georgia tax laws and their administration; county and municipal assessment principles and practices; revenues and expenditures and methods of debt control.

436 (Sr.) 636 (Gr.). BUSINESS CYCLES. 5 hours. Winter Quarter. Campus I. *Mr. Beckwith.*

A survey of the more significant theories of the business cycle and of proposals for preventing the occurrence of such cycles.

437 (Sr.) 637 (Gr.). COMPARATIVE ECONOMICS. 5 hours. Spring Quarter. Campus I. *Mr. Beckwith.*

A comparative study of the economic systems of Germany, Italy, the U. S. S. R., and Sweden, with special attention to the difficulties of economic planning and price control.

441 (Sr.) 641 (Gr.). PUBLIC ADMINISTRATION. 5 hours. Winter Quarter. Campus I. *Mr. Raisty.*

A consideration of the general principles and problems of public administration; the organization of administrative agencies; recruitments, promotion, removal and organization of personnel; budgeting, auditing, purchasing and borrowing practices; legislative and judicial relations.

442 (Sr.) 642 (Gr.). COUNTY AND MUNICIPAL ADMINISTRATION IN GEORGIA. 5 hours. Prerequisite: Economics 441. Spring Quarter. Campus II. *Mr. Raisty.*

A detailed study of the principles and problems of administration in Georgia counties and municipalities with especial emphasis upon the administration of such functions as public safety, education, public health, charities and corrections, local improvements and finances.

450 (Sr.) 650 (Gr.). MONEY AND CREDIT. 5 hours. Fall and Winter Quarters. Campus I. *Mr. Sutton.*

The course deals with the financial organization of society; money standards, money and prices, and the nature and functions of credit.

455 (Sr.) 655 (Gr.). ECONOMIC PROBLEMS. Winter Quarter. Campus I. *Mr. Segrest.*

The application of economic theory to certain problems of contemporary economic life, such as the problems of monopoly and its regulation, Federal regulation and control in general, business cycles, protective tariffs, public finance, industrial conflict.

459 (Sr.) 659 (Gr.). ECONOMIC GEOGRAPHY OF THE OLD WORLD. 5 hours. Winter Quarter. Campus II. *Mr. Jenkins.*

Economic and regional geography of Europe, Asia, Africa, and Australasia, with a brief survey of the social, political, and historical geography of major regions.

465 (Sr.) 665 (Gr.). MARKET RESEARCH AND ANALYSIS. 5 hours. Spring Quarter. Campus I. *Mr. Jenkins.*

The presentation of the function of marketing research in economic activity, of the scope of marketing research for the individual business enterprise, and of the scientific approach in applying research procedures to marketing problems.

466 (Sr.) 666 (Gr.). ECONOMICS OF CONSUMPTION. 5 hours. Fall Quarter. Campus I. *Mr. Jenkins.*

A study of how the distribution of income, education, social environment, occupation, home-making skill, personal ambitions, size of family, and other factors influence consumption and limit markets,

the difficulties the consumer faces in the purchase of goods and the protection which is provided for his welfare.

486 (Sr.) 686 (Gr.). LABOR PROBLEMS. 5 hours. Fall Quarter. Campus I. *Mr. Segrest.*

A study of wages, working conditions, unemployment, hours, worker's welfare schemes, labor legislation, and labor organizations. Current developments in labor are discussed.

EDUCATION

A. ADMINISTRATION

SENIOR DIVISION COURSES

375. SCHOOL ORGANIZATION AND CONTROL. 5 hours. Prerequisite: Education 301 and 304. Summer Quarter only. Campus I.

390. SCHOOL ADMINISTRATION FOR TEACHERS. 5 hours. Prerequisite: Three courses in education. Spring Quarter. *Mr. Pusey.*

SENIOR DIVISION OR GRADUATE COURSES

410. (Sr.) 610 (Gr.). VISUAL AIDS IN EDUCATION. 5 hours. Prerequisite: Education 304. Winter Quarter. Campus I. *Mr. Ritchie.*

584 (Sr.) 784 (Gr.). FUNDAMENTALS OF A GUIDANCE PROGRAM. 3 hours. Prerequisite: Education 304. Spring Quarter. Campus I. *Mr. Williams.*

590 a-b-c (Sr.) 790 a-b-c (Gr.). PUBLIC SCHOOL ADMINISTRATION. 9 hours. (Three hours per quarter.) Fall, Winter, and Spring Quarters. Prerequisite: Four courses in education. Campus I. *Mr. Cocking* and *Mr. Pusey.*

593 (Sr.) 793 (Gr.). ADMINISTRATION OF RURAL SCHOOLS. 5 hours. Prerequisite: Education 304 and 421 (621).

594 (Sr.) 794 (Gr.). HIGH SCHOOL ADMINISTRATION. 3 hours. Prerequisite: Four courses in education. Fall Quarter. Campus I. *Mr. Pusey.*

595 (Sr.) 795 (Gr.). STATE AND COUNTY SCHOOL ADMINISTRATION. 5 hours. Prerequisite: Education 590. Summer Quarter only. Campus I. *Mr. Irby.*

597 (Sr.) 797 (Gr.). THE SCHOOL PLANT. 5 hours. Prerequisite: Courses in Public School Administration. Campus I. Fall Quarter. *Mr. Pusey.*

598 (Sr.) 798 (Gr.). SCHOOL FINANCE AND BUSINESS MANAGEMENT. 5 hours. Prerequisite: Courses in Public School Administration. Spring Quarter. Campus I. *Mr. Pusey.*

GRADUATE COURSES

822. SCHOOL LAW. 5 hours. Prerequisite: Courses in Public School Administration. Summer Quarter only. Campus I.

824. SCHOOL PERSONNEL. 5 hours. Prerequisite: Courses in Public School Administration. Winter Quarter. Campus I. *Mr. Williams.*

B. CURRICULUM

SENIOR DIVISION OR GRADUATE COURSES

421 (Sr.) 621 (Gr.). THE SCHOOL AND THE SOCIAL ORDER. 5 hours. Prerequisite: Education 301 and 304. Fall, Winter, and Spring Quarters. Campus I. *Mr. Morrow* and *Mr. Singleton.*

504 (Sr.) 704 (Gr.). FUNDAMENTALS OF THE CURRICULUM. 5 hours. Prerequisite: Education 304 and 421. Fall Quarter. Campus I. *Mr. Morrow.*

505 (Sr.) 705 (Gr.). CURRICULUM PROBLEMS OF THE PUBLIC SCHOOLS. 5 hours. Prerequisite: Education 504 (704). Every Quarter. Campus I. *Mr. Morrow.*

507 (Sr.) 707 (Gr.). SECONDARY SCHOOL CURRICULUM. 5 hours. Prerequisite: Education 381, 504 (704). Campus I. *Mr. Morrow.*

GRADUATE COURSES

805. RESEARCH ON THE CURRICULUM. 3 hours. Prerequisite: Education 504 (704). Every Quarter. Campus I. *Mr. Morrow.*

C. ELEMENTARY EDUCATION

SENIOR DIVISION COURSES

355. CHILDREN'S LITERATURE. 5 hours. Prerequisite: Education 371. Winter Quarter. Campus I. *Mrs. Sutton.*

371. DIRECTED OBSERVATION. 5 hours. Prerequisite: Education 304 and 392. Fall, Winter, and Spring Quarters. Campus I. *Mr. Jordan* and *Mrs. Sutton.*

392. ELEMENTARY SCHOOL CURRICULUM. 5 hours. Prerequisite: Education 304. Fall, Winter, and Spring Quarters. Campus I. *Miss Houx* and *Mrs. Sutton.*

376-377. SUPERVISED TEACHING. 5 or 10 hours. Prerequisite: Education 371 and 392. Fall, Winter, and Spring Quarters. Campus I. *Mr. Jordan, Mrs. Sutton, Miss Houx, and Mr. Singleton.*

GRADUATE COURSES

840-841. SUPERVISION OF INSTRUCTION IN THE ELEMENTARY SCHOOL. Two course sequence. 6 hours. Fall and Winter Quarters. Prerequisite: Education 371, 392, and 376-77. Campus I. *Mrs. Sutton, Miss Houx, and Mr. Jordan.*

D. SECONDARY EDUCATION

SENIOR DIVISION COURSES

341. MATERIALS AND METHODS IN TEACHING ENGLISH IN HIGH SCHOOL. 5 hours. Prerequisite: Education 381 and four courses in English. Winter Quarter. Campus I.

371. DIRECTED OBSERVATION. 5 hours. Prerequisite: Education 301 and 304. Fall, Winter, and Spring Quarters. Campus I. *Mr. Jordan, Mrs. Sutton, Miss Houx, and Mr. Singleton.*

376-377. SUPERVISED TEACHING. Half-day or full-day periods. 5 or 10 hours. Prerequisite: Education 371 and 381. Fall, Winter, and Spring Quarters. Campus I. *Mr. Jordan, Mrs. Sutton, Miss Houx, and Mr. Singleton.*

381. METHODS OF TEACHING IN SECONDARY SCHOOLS. 5 hours. Prerequisite: Education 304 and 421 (621). Fall, Winter, and Spring Quarters. Campus I. *Mr. Jordan and Mr. Singleton.*

382. MATERIALS AND METHODS IN TEACHING SOCIAL STUDIES IN THE HIGH SCHOOL. 5 hours. Prerequisite: Education 381 and four courses from the social science major. Winter Quarter. Campus I.

383. MATERIALS AND METHODS OF TEACHING MATHEMATICS IN HIGH SCHOOL. 5 hours. Prerequisite: Education 381 and four courses from the mathematics major. Winter Quarter. Campus I.

SENIOR DIVISION OR GRADUATE COURSES

456 (Sr.) 656 (Gr.). ADVANCED FRENCH SYNTAX AND COMPOSITION. 5 hours. Prerequisite: French 304. Winter Quarter. *Mr. Chance.*

507 (Sr.) 707 (Gr.). SECONDARY SCHOOL CURRICULUM. 5 hours. Prerequisite: Education 381, 504 (704). Winter Quarter. Campus I. *Mr. Morrow.*

517 (Sr.) 717 (Gr.). PROBLEMS OF TEACHING. 5 hours. Prerequisite: Education 304 and 421 (621) or 580. Winter Quarter. Campus I. *Mr. Jordan.*

580 (Sr.) 780 (Gr.). PRINCIPLES OF SECONDARY EDUCATION. 5 hours. Prerequisite: Education 304. Fall Quarter. Campus I. *Mr. Pusey.*

594 (Sr.) 794 (Gr.). HIGH SCHOOL ADMINISTRATION. 3 hours. Prerequisite: Four courses in education. Fall Quarter. Campus I. *Mr. Pusey*.

GRADUATE COURSES

830-831. SUPERVISION OF INSTRUCTION IN THE SECONDARY SCHOOLS. Two course sequence. Total 6 hours. Prerequisite: Education 381, 272, and 376-377. Fall and Winter Quarters. Campus I. *Mr. Jordan*, *Miss Houx*, and *Mr. Singleton*.

850. THE JUNIOR COLLEGE. 3 hours. Prerequisite: Education 304 and 421 or 580. Campus I.

E. EDUCATIONAL PSYCHOLOGY

SENIOR DIVISION COURSES

304. EDUCATIONAL PSYCHOLOGY. 5 hours. Prerequisite: Education 301. Fall, Winter, and Spring Quarters. Campus I and III. *Mr. Greene*, *Mr. Williams*, and *Mr. Ritchie*.

SENIOR DIVISION OR GRADUATE COURSES

552 (Sr.) 752 (Gr.). PSYCHOLOGY OF CHILDHOOD. 3 hours. Prerequisite: Education 304. Winter Quarter. Campus I. *Mr. Greene*.

555 (Sr.) 755 (Gr.). PSYCHOLOGY OF ADOLESCENCE. 3 hours. Prerequisite: Education 304. Fall and Spring Quarters. Campus I. *Mr. Morrow*.

558 (Sr.) 758 (Gr.). THE MEASUREMENT OF INTELLIGENCE. 3 hours. Prerequisite: Education 304 and 556 (756). Winter Quarter. Campus I. *Mr. Greene*.

GRADUATE COURSES

802. ADVANCED EDUCATIONAL PSYCHOLOGY. 5 hours. Prerequisite: Education 304. Spring Quarter. Campus I. *Mr. Greene*.

809. EDUCATIONAL DIAGNOSIS AND TREATMENT OF EXCEPTIONAL CHILDREN. 3 hours. Prerequisite: Education 304. Fall Quarter. Campus I. *Mr. Greene*.

810. PRINCIPLES OF TEACHING EXCEPTIONAL CHILDREN. 3 hours. Prerequisite: Education 304. Winter Quarter. Campus I. *Mr. Greene*.

811. PROBLEMS IN EDUCATIONAL PSYCHOLOGY. 3 hours. Spring Quarter. Campus I. *Mr. Greene*.

F. HISTORY AND PHILOSOPHY OF EDUCATION

JUNIOR DIVISION COURSES

1. INTRODUCTION TO EDUCATION. 5 hours. Fall, Winter, and Spring Quarters. Campuses I and III. *Mr. Cocking, Mr. Williams, and Mr. Singleton.*

SENIOR DIVISION OR GRADUATE COURSES

421 (Sr.) 621 (Gr.). THE SCHOOL AND THE SOCIAL ORDER. 5 hours. Prerequisite: Education 301 and 304. Fall, Winter, and Spring Quarters. Campus I. *Mr. Morrow.*

500 (Sr.) 700 (Gr.). HISTORY OF EDUCATION. 5 hours. Prerequisite: Education 302, 304, and 421 (621) or 580. Winter Quarter. Campus I. *Mr. Ritchie.*

GRADUATE COURSES

803. PHILOSOPHY OF EDUCATION. 5 hours. Prerequisite: Education 304 and 421 (621) or 580. Spring Quarter. Campus I. *Mr. Ritchie.*

870. COMPARATIVE EDUCATION. 5 hours. Prerequisite: Education 301, 304, and 421 (621). Fall Quarter. Campus I. *Mr. Ritchie.*

871. ADULT EDUCATION. 5 hours. Prerequisite: Education 421 (621). Winter Quarter. Campus I. *Mr. Aderhold and Mr. Cocking.*

G. RESEARCH AND MEASUREMENT

SENIOR DIVISION OR GRADUATE COURSES

515 (Sr.) 715 (Gr.). STATISTICAL METHODS IN EDUCATION. 5 hours. Prerequisite: Education 304 and 556. Fall Quarter. Offered on Saturdays or late afternoons. Campus II. *Mr. Greene.*

556 (Sr.) 756 (Gr.). EDUCATIONAL TESTS AND MEASUREMENTS. 3 hours. Prerequisite: Education 304. Fall and Spring Quarters. Campus I. *Mr. Ritchie.*

GRADUATE COURSES

805. RESEARCH ON THE CURRICULUM. 3 hours. Prerequisite: Education 504 (704). Every Quarter. Campus I. *Mr. Morrow.*

815. ADVANCED EDUCATIONAL STATISTICS. 5 hours. Prerequisite: Education 515 (715). Spring Quarter. Campus I.

816. METHODS AND APPLICATION OF EDUCATIONAL RESEARCH. 3 hours. Fall Quarter. Campus I. *Mr. Cocking.*

851. ADVANCED EDUCATIONAL MEASUREMENT. 5 hours. Prerequisite:

Education 515 and 556. Offered on Saturdays and late afternoons. Campus I *Mr. Greene*.

901-902-903. RESEARCH PROBLEMS IN EDUCATION. 3, 6, or 9 hours. Prerequisite: Education 515, 556. Entrance to the course only by special permission of the Dean of the College. Every Quarter. Campus I. *Mr. Cocking and Staff*.

900. THESIS AND DISSERTATION SEMINAR. (Non-credit) . Campus I. *Mr. Cocking and Staff*.

H. VOCATIONAL EDUCATION

(I). AGRICULTURAL EDUCATION

SENIOR DIVISION COURSES

346-347. APPRENTICE TEACHING. 10 hours. Full-time placement for one quarter. Prerequisite: Education 451, 452, and 471. Fall, Winter, and Spring Quarters. Campus I. *Mr. Aderhold and Mr. Wheeler*.

SENIOR DIVISION OR GRADUATE COURSES

451 (Sr.) 651 (Gr.). AGRICULTURE CURRICULUM. 5 hours. Prerequisite: Education 301, 304, and 421. Fall and Spring Quarters. Campus I. *Mr. Aderhold and Mr. Wheeler*.

452 (Sr.) 652 (Gr.). MATERIALS AND METHODS IN TEACHING AGRICULTURE. 5 hours. Prerequisite: Education 304, 421, 451. Fall Quarter. Campus I. *Mr. Aderhold and Mr. Wheeler*.

471 (Sr.) 671 (Gr.). TEACHING AGRICULTURE TO ADULTS. 5 hours. Prerequisite: Must have consent of instructor. Fall Quarter. Campus I. *Mr. Aderhold and Mr. Wheeler*.

529 (Sr.) 729 (Gr.). VOCATIONS AND EDUCATION. 5 hours. Prerequisite: Education 451 and 471. Campus I. *Mr. Wheeler*.

583 (Sr.) 783 (Gr.). VOCATIONAL GUIDANCE. 5 hours. Prerequisite: Education 304, and 421 (621). Spring Quarter. Campus I. *Mr. Wheeler*.

GRADUATE COURSES

902. PROBLEMS OF TRAINING VOCATIONAL TEACHERS. 5 hours. Prerequisite: Education 451 and 471. Campus I. *Mr. Wheeler*.

904. SUPERVISION OF VOCATIONAL TEACHING. 5 hours. Prerequisite: Education 451 and 471. *Mr. Aderhold*.

(II). HOME ECONOMICS EDUCATION

SENIOR DIVISION COURSES

346-347. APPRENTICE TEACHING. (Home Economics Section). 10 hours. Prerequisite: Education 397. A full quarter's work in one of the Georgia high schools approved for apprentice teaching in homemaking. Fall, Winter, and Spring Quarters. *Miss Beall, Miss Schmidt, Miss Todd, and Resident Teachers of Homemaking.*

389. ADMINISTRATION OF HOME-MAKING DEPARTMENT IN HIGH SCHOOLS. 5 hours. Prerequisite or parallel: Education 397. Summer Quarter. Campus I.

396. HOME ECONOMICS CURRICULA. 5 hours. Prerequisite: Education 421. Fall, Winter, and Spring Quarters. Campus I. *Miss Todd, Miss Beall, and Miss Schmidt.*

397. SPECIAL METHODS IN TEACHING HOME ECONOMICS. 5 hours. Prerequisite: Education 396. Fall, Winter, and Spring Quarters. *Miss Todd, Miss Beall, and Miss Schmidt.*

SENIOR DIVISION OR GRADUATE COURSES

477 (Sr.) 677 (Gr.). HOME ECONOMICS PROGRAMS FOR ADULTS. 5 hours. Prerequisite: Education 397 or its equivalent. Alternate summers. Even years. Campus I.

581 (Sr.) 781 (Gr.). CURRICULUM UNITS IN HOME ECONOMICS. 5 hours. Prerequisite: Education 396 or 504. Summer Quarter. Campus I. *Miss Todd.*

GRADUATE COURSES

856. MEASUREMENT OF HOME-MAKING INSTRUCTION. 5 hours. Prerequisite: Education 397. Summer Quarter. Campus I.

881. PROBLEMS IN HOME ECONOMICS TEACHING. 5 hours. Prerequisite: Education 397 and 389 or its equivalent. Summer Quarter. Campus I. *Miss Todd.*

904. SUPERVISION OF VOCATIONAL TEACHING. (Home Economics Section). 5 hours. Prerequisite: Two or more successful years' experience in teaching homemaking, and special consent of instructor. Summer Quarter. Campus I.

ENGLISH

JUNIOR DIVISION COURSES

2 a-b-c. COMPOSITION. 9 hours. (Three hours per quarter.) Fall, Winter, and Spring Quarters. Campuses I and III. *English Staff.*

4 a-b-c. SURVEY OF ENGLISH LITERATURE. 9 hours. (Three hours

each quarter.) Fall, Winter, and Spring Quarters. Campuses I and III. *English Staff*. (Not offered 1940-41.)

It is advisable that this course be alternated throughout the year with the survey course in English and American history (History 124, 125, 126).

6 a-b-c. READING, AND ORAL AND WRITTEN COMPOSITION. 9 hours. (Three hours each quarter.) Fall, Winter, and Spring Quarters. Campus I. *English Staff*.

Inductive approach to the reading and writing of the English language. Compulsory for students in B.S. Agriculture and Agricultural Engineering, and open to certain other students after consultation with instructors.

7. INTRODUCTION TO THE DRAMA. 3 hours. Fall Quarter. Campuses I and III. *English Staff*.

Certain plays from Shakespeare or other dramatists will be studied.

8. INTRODUCTION TO PROSE FICTION. 3 hours. Winter Quarter. Campuses I and III. *English Staff*.

Some short stories will be studied, but the stress of the course will be placed on the study of the novel.

9. INTRODUCTION TO POETRY. 3 hours. Spring Quarter. Campuses I and III. *English Staff*.

Various poems will be read and interpreted.

SENIOR DIVISION COURSES

English 2 a-b-c and Humanities 1 a-b-c are prerequisite to all Senior Division courses.

305. LYRIC POETRY. 5 hours. Spring Quarter. Campus I. *Mr. Park* and *Mr. Walker*.

343. CONTEMPORARY DRAMA. 5 hours. Winter Quarter. Campus I. *Mr. Park*.

351. MUSIC AND LITERATURE. 5 hours. Winter Quarter. Campus I. *Mr. Brown*.

A comparative study of the forms, relationships, and aesthetics of music and literature. Admission by consent of the instructor.

359. THE ENGLISH FOLK SONG. 5 hours. Fall Quarter. Campus I. *Mr. Walker* and *Mr. Hodgson*.

360 a-b-c. ADVANCED COMPOSITION. 9 hours. (Three hours per quarter.) Fall, Winter, and Spring Quarters. Campus I. *Mr. West*.

361. THE SHORT STORY. 5 hours. Spring Quarter. Campus I. *Mr. Eidson*.

375 a-b-c. THE ENGLISH NOVEL. 9 hours. (Three hours per quarter.) Fall, Winter, and Spring Quarters. Campus I. *Mrs. McWhorter*.

SENIOR DIVISION OR GRADUATE COURSES

NOTE: When the following courses are taken for graduate credit, two Senior Division courses in English must be added to the prerequisites listed.

400 (Sr.) 600 (Gr.). OLD ENGLISH. 5 hours. Winter Quarter. Campus I. *Mr. Calvin Brown.*

402 (Sr.) 602 (Gr.). CHAUCER. 5 hours. Spring Quarter. Campus I. *Mr. Calvin Brown.*

403 (Sr.) 603 (Gr.). THE AGE OF MILTON. 5 hours. Fall Quarter. Campus I. *Mr. Davidson.*

404 (Sr.) 604 (Gr.). THE AGE OF POPE. 5 hours. Winter Quarter. Campus I. *Mr. Davidson.*

405 (Sr.) 605 (Gr.). THE AGE OF JOHNSON. 5 hours. Spring Quarter. Campus I. *Mr. Davidson.*

406 a-b-c (Sr.) 606 a-b-c (Gr.). THE ROMANTIC MOVEMENT. 9 hours. (Three hours per quarter.) Campus I. *Mr. Everett.*

407 a-b-c (Sr.) 607 a-b-c (Gr.). THE ENGLISH DRAMA TO 1642. 9 hours. (Three hours per quarter.) Campus I. *Mr. Parks* and *Mr. West.* (Not offered 1940-41.)

409 (Sr.) 609 a-b-c (Gr.). ELIZABETHAN PROSE AND NON-DRAMATIC POETRY. 9 hours. Fall, Winter, and Spring Quarters. Campus I. *Mr. West.*

Fall: Spenser—The Faerie Queene and minor poems.

Winter: Prose of Lodge, Nashe, Greene, Sidney, et al.

Spring: Elizabethan lyric through Donne.

410 (Sr.) 610 (Gr.). HISTORY OF THE ENGLISH LANGUAGE. 5 hours. Fall Quarter. Campus I. *Mr. Calvin Brown.*

420 (Sr.) 620 (Gr.). AMERICAN LITERATURE TO 1865. 5 hours. Fall Quarter. Campus I. *Mr. Wade, Mr. Parks, and Mr. Eidson.*

422 (Sr.) 622 (Gr.). AMERICAN LITERATURE FROM 1865 TO THE PRESENT. 5 hours. Winter Quarter. Campus I. *Mr. Wade, Mr. Parks, and Mr. Eidson.*

429 (Sr.) 629 (Gr.). SOUTHERN LITERATURE. 5 hours. Spring Quarter. Campus I. *Mr. Wade, Mr. Parks, and Mr. Eidson.*

English 420 and 422 are not open to students who have credit for old English 320; English 429 is not open to students who have credit for old English 321.

430 (Sr.) 630 (Gr.). LITERARY CRITICISM. 5 hours. Spring Quarter. Campus I. *Mr. Parks.*

440 a-b-c (Sr.) 640 a-b-c (Gr.). SHAKESPEARE. 9 hours. (Three hours

per quarter.) Fall, Winter, and Spring Quarters. Campus I. *Mr. Walker.*

442 a-b-c (Sr.) 642 a-b-c (Gr.). THE VICTORIAN AGE. 9 hours. (Three hours per quarter.) Fall, Winter, and Spring Quarters. Campus I. *Mr. Everitt.*

FORESTRY

JUNIOR DIVISION COURSES

2. FARM FORESTRY. 5 hours. Fall, Winter, and Spring Quarters. Campus II. *Mr. Grant.*

A general course for agricultural students dealing with forestry from the farmer's standpoint.

21 a-b-c. THE FIELD OF FORESTRY. 3 hours. Campus II. *Mr. Weddell.*

An introductory course designed to acquaint forestry students with the field of forestry. The class will meet one day a week each quarter.

25. FIELD DENDROLOGY. 3 hours. Summer Camp. Prerequisite: Forestry 82. *Mr. Bishop.*

Identification of the woody plants of the Southern Appalachian Mountains. One day a week for ten weeks at summer camp.

26. FOREST SURVEYING. 9 hours. Summer Camp. Prerequisite: Agricultural Engineering 11. *Mr. Grant and Mr. Watson.*

The application of plane surveying to forest problems; practice in making boundary and topographic surveys of forest tracts. Three days a week for ten weeks at summer camp.

27. MAPPING AND CRUISING. 3 hours. Summer Camp. Prerequisite: Forestry 26. *Mr. Grant and Mr. Watson.*

Field study in the methods of measuring the contents of trees and growth in forest stands; practice in timber estimating, log scaling and in the use of forest instruments; type mapping. One day a week for ten weeks at summer camp.

28. FOREST IMPROVEMENTS. 3 hours. Summer Camp. Prerequisite: Forestry 26. *Mr. Grant and Mr. Weddell.*

Location, design and construction of improvements required for the administration of forest properties, including roads, trails, bridges, lookout towers, telephone lines, buildings, camps, and recreational facilities. One day a week for ten weeks at summer camp.

82. REGIONAL DENDROLOGY. 6 hours. Three lectures and three laboratory periods. Fall and Winter Quarters. Campus II. *Mr. Bishop.*

A general consideration of the more important forest trees of the United States, with particular reference to their identification, distribution, and silvical requirements.

SENIOR DIVISION COURSES

308. FOREST PROTECTION. 5 hours. Fall Quarter. Campus II. *Mr. Bishop.*

The protection of forests from fire.

351. FOREST MENSURATION. 5 hours; 3 lectures, 2 laboratories. Fall, Winter, and Spring Quarters. Prerequisite: Mathematics 41, Agricultural Engineering 11. *Mr. Watson.*

The principles and practice of determining the volume of timber products, logs, trees, and stands; log rules and scaling; principles of graphical presentation; the theory of sampling; elementary statistical methods.

352. FOREST MENSURATION. 5 hours; 3 lectures, 2 laboratories. Winter Quarter. Prerequisite: Forestry 351. Campus II. *Mr. Watson.*

The construction and use of volume tables; the study of the age, growth, and yield of trees and stands including the construction and application of yield tables; the methods of checking tables to be used.

356 a-b-c. SILVICULTURE. Triple course. 15 hours; 3 lectures and 2 laboratories each quarter. Fall, Winter, and Spring Quarters. Prerequisite: Botany 21-22, Forestry 82. Campus II. *Mr. McKellar.*

The effect of the various factors of site upon the characteristics, growth and development of forest trees and stands; the origin and development of forest types and communities; the principles and methods used in securing both natural and artificial reproduction including nursery practice; intermediate cuttings; the application of silvicultural methods in the different forest regions of the United States.

364. FOREST RECREATIONAL IMPROVEMENTS. 3 hours. Fall Quarter. Campus II. *Mr. Bishop.*

The formulation of forest recreational plans; the construction of roads, trails, camps, and other essential recreational improvements.

373. WOOD ANATOMY AND TIMBER PRODUCTS. 6 hours; 3 lectures and 3 laboratories. Winter and Spring Quarters. Prerequisite: Forestry 82. Campus II. *Mr. Grant.*

Macroscopic and microscopic identification of the more important woods of the United States; the preparation, manufacture and use of tree products other than lumber.

375. CHEMICAL WOOD UTILIZATION. 5 hours; 3 lectures, 2 laboratories. Winter Quarter. Prerequisite: Forestry 376. Campus II. *Mr. Grant.*

The utilization of wood in the manufacture of pulp, paper, rayon and other cellulose products.

376. UTILIZATION. 6 hours; 4 lectures, 2 laboratories. Fall Quarter. Prerequisite: Forestry 373. Campus II. *Mr. Grant.*

Methods of logging, transporting logs and manufacturing lumber.

381. GENERAL FORESTRY. 5 hours. Spring Quarter. Campus II. *Mr. Grant.*

A general course for students in landscape architecture, designed to acquaint them with the field of forestry and the native and naturalized trees of Georgia, and their identification in the field.

385. GAME MANAGEMENT. 3 hours. Fall and Spring Quarters. Campus II. *Mr. McKellar.*

A general course dealing with game management and game management policy and administration; the relation of game management to forestry and forest management.

390. FOREST FINANCE. 3 hours. Fall Quarter. Prerequisite: Economics 5, Mathematics 41. Campus II. *Mr. Patterson.*

The financial aspects of forestry as a business enterprise; method of determining the value of forest property; the rate earned by forest properties; the appraisal of stumpage values; the appraisal of damage.

391. FOREST ECONOMICS. 3 hours. Fall Quarter. Prerequisite: Economics 5, Forestry 356. Campus II. *Mr. Watson.*

The forest as a natural resource; the past history of forest development and its effect on forest resources; the production, distribution, and consumption of forest products; the effect of concentration of supplies on markets and prices; land classification; forest taxation.

SENIOR DIVISION OR GRADUATE COURSES

401 (Sr.) 601 (Gr.). FOREST MANAGEMENT. 5 hours. Winter Quarter. Prerequisite: Forestry 352, 356. Campus II. *Mr. Patterson.*

The organization of forests for management; their regulation for sustained yield; the development of forest working plans.

402 (Sr.) 602 (Gr.). FOREST MANAGEMENT FIELD WORK. 6 hours. Spring Camp. Prerequisite: Forestry 401. *Mr. Bishop and Mr. Patterson.*

The preparation of a working plan for a forest property.

403 (Sr.) 603 (Gr.). DRY KILNING AND WOOD PRESERVATION. 3 hours. Winter Quarter. Campus II. Prerequisite: Forestry 373. *Mr. Grant.*

The air-drying, kiln-drying, and preservative treatment of timber.

404 (Sr.) 604 (Gr.). FOREST IMPROVEMENTS AND ADMINISTRATION. 6 hours. Spring Camp. Prerequisite: Forestry 28, 410. *Mr. Bishop and Mr. Patterson.*

Administration of forests and the construction of forest improvements.

405 a-b (Sr.) 605 a-b (Gr.). NAVAL STORES PRACTICE. 3 hours. Winter Quarter. Campus II. Prerequisite: Forestry 356, 373. *Mr. Bishop.*

Factors affecting the production of naval stores; the management of forests for naval stores production; the manufacturing and marketing of naval stores products.

406 (Sr.) 606 (Gr.). UTILIZATION FIELD WORK. 3 hours. Spring Camp. Prerequisite: Forestry 356, 373. *Mr. Bishop* and *Mr. Patterson*.

A course designed to give the student personal observations of the various phases of the production, manufacture, and use of forest products.

410 (Sr.) 610 (Gr.). FOREST POLICY. 3 hours. Winter Quarter. Prerequisite: Forestry 391. Campus II. *Mr. Weddell*.

The development of forest policies and activities of the federal and state governments.

420 (Sr.) 620 (Gr.). THESIS. 5 hours. Prerequisite: 60 hours in forestry. Campus II. *Mr. Weddell*.

The preparation of a thesis dealing with an assigned forestry problem based on original research or compilation.

GRADUATE COURSES

801-802. ADVANCED SILVICULTURE. 10 hours. Fall and Winter Quarters. Prerequisite: Forestry 82, 356, Agricultural Engineering 6, 11, and Soils 7 or equivalent. Campus II. *Mr. Weddell* and *Mr. McKellar*.

An advanced course dealing with the various phases of silvics and silvicultural management. A specialized problem must be worked out during the year and a written report submitted upon completion of the work.

803-804. ADVANCED SILVICULTURE. 10 hours. Spring Quarter. Prerequisite: Forestry 802. *Mr. Weddell* and *Mr. McKellar*.

A continuation of Forestry 801-802, embodying comprehensive research in the field of silviculture. The courses 801-802-803-804 form a sequence, and a thesis must be submitted upon completion of the work.

811-812. ADVANCED DENDROLOGY. 10 hours. Fall, Winter, and Spring Quarters. Prerequisite: Forestry 82, 373, or equivalent. *Mr. Weddell*, *Mr. Grant*, and *Mr. Bishop*.

A detailed study of the various characteristics of trees. Complete herbarium specimens or slides will constitute a part of the work.

821-822. ADVANCED UTILIZATION. 10 hours. Fall and Winter Quarters. Prerequisite: Forestry 373, 376, and 405, or equivalent. Campus II. *Mr. Weddell*, *Mr. Grant*, and *Mr. Bishop*.

An advanced course dealing with the various phases of the production, manufacture and use of forest products including naval stores.

823-824. ADVANCED UTILIZATION. 10 hours. Spring Quarter. Prerequisite: Forestry 822. *Mr. Weddell*, *Mr. Grant*, and *Mr. Bishop*.

A continuation of Forestry 821-822 embodying extensive research work. The courses Forestry 821-822-823-824 form a sequence and a thesis must be submitted upon completion of the work.

GEOLOGY

JUNIOR DIVISION COURSES

21. GENERAL GEOLOGY. (Dynamic and Structural). 5 hours. Three lecture or recitation and two laboratory periods. Prerequisite: Physical Science 2. Fee \$2.50. Fall and Winter Quarters. Campus I. *Mr. Crickmay.*

The nature and structure of the materials composing the earth and the various processes which have shaped or are shaping the earth.

22. GENERAL GEOLOGY (Historical). 5 hours. Four lecture or recitation and one laboratory periods. Prerequisite: Zoology 21 or Zoology 25. Fee \$2.50. Winter and Spring Quarters. Campus I. *Mr. Crickmay.*

Origin and geological history of the earth and its plant and animal inhabitants.

SENIOR DIVISION COURSES

330. PHYSIOGRAPHY. 5 hours. Five lecture or recitation periods and occasional field trips. Prerequisite: Geology 21. Winter Quarter. Campus I. *Mr. Crickmay.*

Processes of weathering, erosion, and deposition; development of typical land-forms in humid, semi-arid, and arid climates.

350. MINERALOGY AND INTRODUCTORY PETROLOGY. 5 hours. Two lecture or recitation and three laboratory periods. Fee \$2.50. Prerequisite: Geology 21 and Chemistry 22. Spring Quarter. Campus I. *Mr. Crickmay.*

General characteristics, origin, mode of occurrence, nomenclature, and description of the more common rocks and rock-making minerals.

GEOGRAPHY

JUNIOR DIVISION COURSES

1. PRINCIPLES OF GEOGRAPHY. 5 hours. Not offered 1940-41. Campus I. *Mr. Sell.*

A general survey course dealing with the fundamental principles of modern geography. The interpretation and use of maps will be studied and place geography will be emphasized through the use of outline maps.

SENIOR DIVISION COURSES

301. HUMAN GEOGRAPHY. 5 hours. Fall, Winter, and Spring Quarters. Campus I. *Mr. Sell.*

The fundamental laws of geography and the adjustments made by man in the various regions of the earth, beginning with the simple and easily understood determinations in the Congo basin and finally reaching the Euramerican culture with its complex environments.

302. CLIMATE AND LAND FORMS. 5 hours. Winter Quarter. Campus I. *Mr. Sell.*

This course deals with climate, weather, and land forms together with the adjustment that man makes to these various features of natural environment. Outline climatic maps and weather graphs are used.

351. REGIONAL GEOGRAPHY. 5 hours. Fall and Spring Quarters. Campus I. *Mr. Sell.*

The utilization of natural resources as related to the development of regions in the Western Hemisphere. The location of products, places and resources will be determined with the use of outline maps.

352. GEOGRAPHY OF NORTH AMERICA. 5 hours. Not offered 1940-41. Campus I. *Mr. Sell.*

A regional study of North America in which climate, land forms, and natural resources are related to the development of the region. Topographic, climatic, and regional outline maps are used in this course.

SENIOR DIVISION OR GRADUATE COURSES

401 (Sr.) 601 (Gr.). CLIMATOLOGY. 5 hours. Prerequisite: Geography 302-351. Winter Quarter. Campus I. *Mr. Sell.*

An intensive course dealing with climatic controls as well as factors involved in determining types of climate. Emphasis will be placed on the features of the climate in the United States.

453 (Sr.) 653 (Gr.). GEOGRAPHY OF SOUTH AMERICA. 5 hours. Prerequisite: 301-351. Fall and Spring Quarters. Campus I. *Mr. Sell.*

A regional study of South America in which climate, land forms, and natural resources are related to the development of the region. Topographic, climatic and regional outline maps are used in the course.

GERMAN

JUNIOR DIVISION COURSES

101. ELEMENTARY GERMAN. 5 hours. Fall and Winter Quarters, Campus I. Fall Quarter, Campus III. *Mr. Morris, Mr. DuBose, and Mr. Terry.*

The first half of a two-course sequence in beginning German, emphasizing the practical command of the language. The course is conducted in German, and oral exercises form the larger part of the classroom instruction.

102. ELEMENTARY GERMAN. 5 hours. Winter and Spring Quarters, Campus I. Winter Quarter, Campus III. *Mr. Morris, Mr. DuBose, and Mr. Terry.*

The second half of a two-course sequence in beginning German, including grammar, translation, and oral exercises

103. INTERMEDIATE GERMAN. 5 hours. Prerequisite: German 101-102. Fall and Spring Quarters, Campus I. Spring Quarter, Campus III. *Mr. Morris, Mr. DuBose, and Mr. Terry.*

Continuation of German 101-102. Reading of intermediate texts, oral exercises. German is the language of the classroom.

SENIOR DIVISION COURSES

304. ADVANCED GERMAN. 5 hours. Prerequisite: German 103. Fall and Winter Quarters. Campus I. *Mr. Morris and Mr. DuBose.*

Extensive readings in modern German prose, emphasizing German history and culture. Composition and oral exercises. German is the language of the classroom.

305. ADVANCED GERMAN. 5 hours. Prerequisite: German 304. Winter and Spring Quarters. Campus I. *Mr. Morris and Mr. DuBose.*

Extensive readings in modern German prose, with especial emphasis on the history of German literature. Wide parallel reading, composition, and oral exercises. Only German spoken in class.

306. SCIENTIFIC GERMAN. 3 hours. Prerequisite: German 103. Winter Quarter. Campus I. *Mr. DuBose and Mr. Terry.*

Extensive readings from modern German scientific literature, emphasizing chemical German.

307. SCIENTIFIC GERMAN. 3 hours. Prerequisite: German 103. Campus I. *Mr. DuBose and Mr. Terry.* Not offered 1940-41.

Extensive readings from modern German scientific literature, with especial attention to biological and medical German.

358. TEUTONIC ELEMENTS IN MODERN ENGLISH. 5 hours. Prerequisite: German 103. Spring Quarter. Campus I. *Mr. Morris.* (Not offered 1940-41.)

SENIOR DIVISION OR GRADUATE COURSES

430 (Sr.) 630 (Gr.). DAS DEUTSCHE DRAMA DES 19. JAHRHUNDERTS. 3 hours. Prerequisite: German 305. Fall Quarter. Campus I. *Mr. Terry.*

Lectures, reports, and readings from the leading German dramatists of the 19th Century, including Kleist, Grillparzer, Hebbel, Sudermann, and Hauptmann.

431 (Sr.) 631 (Gr.). DER DEUTSCHE ROMAN DES 19. JAHRHUNDERTS. 3 hours. Prerequisite: German 305. Fall Quarter. Campus I. *Mr. Terry.*

Lectures, reports, and extensive reading of the works of Hauff, Ludwig, Freytag, Storm, Keller, Fontane, Meyer, Scheffel and other German novelists of the 19th Century.

432 (Sr.) 632 (Gr.). EINFUEHRUNG IN DIE WERKE GOETHES. 3 hours. Prerequisite: German 305. Winter Quarter. Campus I. *Mr. Morris.*

Study of Goethe's life, with lectures, reports, and readings from his poems, novels, and plays.

433 (Sr.) 633 (Gr.). GOETHE'S FAUST. 3 hours. Prerequisite: German 432. Spring Quarter. Campus I. *Mr. Morris*.

Reading and interpretation of Part I of Faust, with commentaries of the leading Goethe scholars.

434 (Sr.) 634 (Gr.). DIE DEUTSCHE LITERATUR VON DEN ANFAEINGEN BIS 1500. 3 hours. Prerequisite: German 305. Spring Quarter. Campus I. *Mr. Morris*.

Lectures, reports, and reading in modern German translation of the principal works of German literature up to the Reformation.

435 (Sr.) 635 (Gr.). LESSING UND DIE DEUTSCHE KLASSIK. 3 hours. Prerequisite: German 305. Campus I. *Mr. DuBose*. Not offered in 1940-41.

Lectures, reports, and reading of the principal plays and essays of Lessing, with especial attention to his influence on the dramas of Goethe and Schiller.

436 (Sr.) 636 (Gr.). DIE DEUTSCHE ROMANTIK. 3 hours. Prerequisite: German 305. Not offered in 1940-41. Campus I. *Mr. Terry*.

Lectures, reports, and readings from the authors of the German Romantic School, including Schlegel, Tieck, Novalis, Hoffman, and Eichendorff.

437 (Sr.) 637 (Gr.). EINFUEHRUNG IN DIE WERKE SCHILLERS. 3 hours. Prerequisite: German 305. Not offered in 1940-41. Campus I. *Mr. DuBose*.

Reading of the principal works of the great German dramatist.

438 (Sr.) 638 (Gr.). DEUTSCHE LITERATUR DER GEGENWART. 3 hours. Prerequisite: German 305. Not offered in 1940-41. Campus I. *Mr. Terry*.

Lectures and reports on the literary movements of the 20th Century in Germany, with extensive readings from the principal authors.

439 (Sr.) 639 (Gr.). DIE DEUTSCHE LYRIK. 3 hours. Prerequisite: German 305. Not offered in 1940-41. Campus I. *Mr. Terry*.

Extensive reading of German lyrics and ballads from the Minnesingers to the present time.

GREEK

SENIOR DIVISION COURSES

301 a-b-c. BEGINNING GREEK. Geography and History. 15 hours. Fall, Winter, and Spring Quarters. Campus I. *Mr. Bocock*.

354. HOMER, LYSIAS, PLATO. 3 hours. Fall Quarter. Campus I. *Mr. Bocock*.

355. THE TRAGIC POETS. 3 hours. Winter Quarter. Campus I. *Mr. Bocock*.

456. INTRODUCTION TO THE STUDY OF EUROPEAN LITERATURE: GREEK

LITERATURE IN TRANSLATION. 5 hours. Fall Quarter. Campus I. *Mr. Boccock.*

Greek 456 and 457 given in 1939-40 and in alternate years thereafter. Membership in this class is limited to twenty.

457. GREEK LITERATURE IN TRANSLATION. 5 hours. Prerequisite: Greek 456. Winter Quarter. Campus I. *Mr. Boccock.*

HISTORY AND POLITICAL SCIENCE

The Department of History and Political Science is cooperating with the School of Commerce and the Department of Social Work in offering courses in Public Administration. Economics 434, Economics 441, Economics 442, and courses dealing with Public Administration in the Department of Social Work will be approved for students majoring in Political Science.

JUNIOR DIVISION COURSES

1. AMERICAN GOVERNMENT. 5 hours. Fall, Winter, and Spring Quarters, Campus I. Winter Quarter, Campus III. *Mr. McPherson, Mr. Pound, Mr. Saye, Mr. Martin, Mr. Hughes, and Mr. Stephens.*

An introductory course covering the essential facts of federal, state, and local governments in the United States.

4. CONSTITUTIONAL HISTORY OF ENGLAND. 5 hours. Winter and Spring Quarters, Campus I. Spring Quarter, Campus III. *Mr. Payne, and Mr. Martin.*

Britain to 1689, plus the development of the cabinet and the British Empire.

✓ 124. ENGLISH BACKGROUND TO AMERICAN HISTORY. 3 hours. Fall Quarter. Campuses I and III. *Mr. Payne, Mr. Martin, and Mr. Stephens.*

The English political, social, economic, and cultural background as an introduction to the study of American History.

History 124-125-126 form a sequence of courses, two or all of which should be taken in proper chronological order.

125. ENGLAND AND ANGLO-AMERICA IN THE SEVENTEENTH AND EIGHTEENTH CENTURIES. 3 hours. Winter Quarter. Campuses I and III. *Mr. Payne, Mr. Pound, Mr. Stephens, and Mr. Martin.*

An interpretative introduction to the study of the history of the United States.

✓ 126. THE UNITED STATES. 3 hours. Spring Quarter. Campuses I and III. *Mr. Pound and Mr. Stephens.*

A continuation and expansion of History 124.

SENIOR DIVISION COURSES

305. PROBLEMS OF MODERN BRITAIN. 5 hours. Spring Quarter. Campus I. *Mr. Payne.*

379 a-b. INTRODUCTION TO THE STUDY OF CONTEMPORARY INTERNATIONAL RELATIONS. 10 hours. Fall and Winter Quarters. Campus I. *Mr. Bock.*

Offered for 1940-41 and in alternate years thereafter. Membership in this class is limited to twenty. As a parallel course students are advised to take History 458, History of American Diplomacy.

385. THE HISTORY OF POLITICAL THOUGHT TO 1789. 5 hours. Fall Quarter. Campus I. *Mr. Saye.*

This course is an historical study of the development of ideas relative to the state and government in ancient, medieval, and early modern times. Attention is directed primarily to the political thought of a carefully selected group of eminent philosophers, including Plato, Aristotle, Cicero, Egidius Romanus, St. Thomas Aquinas, Bodin, Hobbes, Locke, and Rousseau.

386. THE HISTORY OF POLITICAL THOUGHT SINCE 1789. 5 hours. Winter Quarter. Campus I. *Mr. Saye.*

History 386 forms a sequence to History 385. Either of the courses may be taken separately, but since emphasis is given to the growth of political thought, it is preferable to take History 385 first.

SENIOR DIVISION OR GRADUATE COURSES

402 (Sr.) 602 (Gr.). EUROPEAN HISTORY. 5 hours. Fall Quarter. Campus I. *Mr. Pound.*

An advanced course covering the period from 1500 to 1763. Courses numbered 477, 402, 403, 404 form a sequence but any one of the four may be elected without completing the sequence.

403 (Sr.) 603 (Gr.). MODERN EUROPE. 5 hours. Winter Quarter. Campus I. *Mr. Pound.*

An advanced course covering the period from 1763 to 1848.

404 (Sr.) 604 (Gr.). RECENT EUROPEAN HISTORY. 5 hours. Spring Quarter. Campus I. *Mr. Pound.*

An advanced course covering the period from 1848 to the present.

405 (Sr.) 605 (Gr.). THE GENESIS OF THE CONSTITUTION. 5 hours. Fall Quarter. Campus I. *Mr. McPherson.*

406 (Sr.) 606 (Gr.). STATE GOVERNMENT. 5 hours. Fall Quarter. Campus I. *Mr. Pound.*

An advanced course with particular emphasis upon the government of the state of Georgia.

451 (Sr.) 651 (Gr.). THE AMERICAN COLONIES, THE REVOLUTION, AND UNION TO 1789. 5 hours. Fall Quarter. Campus I. *Mr. McPherson.*

452 (Sr.) 652 (Gr.). THE UNITED STATES FROM WASHINGTON TO RECONSTRUCTION. 5 hours. Winter Quarter. Campus I. *Mr. McPherson.*

453 (Sr.) 653 (Gr.). THE UNITED STATES SINCE RECONSTRUCTION. 5 hours. Spring Quarter. Campus I. *Mr. McPherson.*

454 (Sr.) 654 (Gr.). THE CIVIL WAR. 5 hours. Winter Quarter. Campus I. *Mr. Coulter.*

455 (Sr.) 655 (Gr.). THE RECONSTRUCTION PERIOD. 5 hours. Spring Quarter. Campus I. *Mr. Coulter.*

456 (Sr.) 656 (Gr.). RECENT AMERICAN HISTORY. 5 hours. Spring Quarter. Campus II. *Mr. Coulter.* Not offered 1940-41.

457 (Sr.) 657 (Gr.). THE ANTE-BELLUM SOUTH. 5 hours. Spring Quarter. Campus I. *Mr. Coulter.*

458 (Sr.) 658 (Gr.). HISTORY OF AMERICAN DIPLOMACY. 5 hours. Campus I. *Mr. Coulter.* Not offered 1940-41.

459 (Sr.) 659 (Gr.). HISTORY OF GEORGIA. 5 hours. Winter Quarter. Campus I. *Mr. Coulter.*

471 (Sr.) 671 (Gr.). THE FRENCH REVOLUTION 1789-1799. 5 hours. Fall Quarter. Campus I. *Mr. Payne.*

472 (Sr.) 672 (Gr.). NAPOLEONIC TIMES 1799-1815. 5 hours. Winter Quarter. Campus II. *Mr. Payne.*

473 (Sr.) 673 (Gr.). TUDOR TIMES 1485-1603. 5 hours. Fall Quarter. Campus I. *Mr. Payne.*

474 (Sr.) 674 (Gr.). STUART TIMES 1603-1689. 5 hours. Winter Quarter. Campus I. *Mr. Payne.*

475 (Sr.) 675 (Gr.). MODERN BRITAIN 1689-1939. 5 hours. Spring Quarter. Campus I. *Mr. Payne.*

477 (Sr.) 677 (Gr.). MEDIEVAL HISTORY. 5 hours. Spring Quarter. Campus I. *Mr. Pound.*

The history of western Europe from the fifth through the fifteenth century.

481 (Sr.) 681 (Gr.). POLITICAL SCIENCE. 5 hours. Winter Quarter. Campus I. *Mr. McPherson.*

482 (Sr.) 682 (Gr.). AMERICAN GOVERNMENT AND POLITICS. 5 hours. Spring Quarter. Campus I. *Mr. McPherson.*

History 481 and 482 form a sequence of courses either or both of which may be taken.

491 (Sr.) 691 (Gr.). LATIN-AMERICAN HISTORY. 5 hours. Winter Quarter. Campus I. *Mr. Pound.*

GRADUATE COURSES

800. HISTORICAL METHOD. Required of all graduate students majoring in history. No credit. Fall Quarter. Campus I. *Mr. Coulter*.

801. SEMINAR IN SOUTHERN HISTORY. Non-credit. Winter and Spring Quarters. Campus I. *Mr. Coulter*.

HOME ECONOMICS

JUNIOR DIVISION COURSES

1. INTRODUCTION TO HOME ECONOMICS. 5 hours. Fall Quarter. Campus III. *Miss Creswell*.

5. FOODS. 5 hours. Two lecture and three double laboratory periods. Fall, Winter, and Spring Quarters; Campus III. Fall and Spring Quarters; Campus II. *Mrs. Hood*.

20. CLOTHING. 5 hours. Two lecture and three double laboratory periods. Fall, Winter, and Spring Quarters; Campus III. Fall Quarter; Campus II. *Miss Hicks* and *Miss McRae*.

22. ELEMENTARY TEXTILES. 3 hours. Two lecture and one double laboratory periods. Fall and Spring Quarters; Campus III. Winter Quarter; Campus II. *Miss Hicks* and *Miss McRae*.

FOODS AND NUTRITION

SENIOR DIVISION COURSES

306. FOODS. Two lectures and three double laboratory periods. Fall, Winter, and Spring Quarters. Prerequisite: Home Economics 5 and Chemistry 346. Campus II. *Miss Baird* and *Mrs. Hood*.

350. ADVANCED FOODS. 5 hours. Fall, Winter, and Spring Quarters. Prerequisite: Home Economics 306, 351, or 353 or parallel. Campus II. *Miss Baird*.

351. NUTRITION. 5 hours. Fall, Winter, and Spring Quarters. Prerequisite: Chemistry 346 and Home Economics 306. Campus II. *Miss Newton*.

352. NUTRITION. 3 hours. Fall Quarter. Prerequisite: Chemistry 346. Campus II. *Miss Newton*.

353. DIETETICS. 5 hours. Winter Quarter. Prerequisite: Home Economics 306 and 352. Campus II. *Miss Newton*.

354. INSTITUTIONAL COOKERY. 5 hours. Two lectures and three double laboratory periods. Winter Quarter. Prerequisite: Home Economics 306. Campus II. *Mrs. Alexander*.

355. CATERING. 5 hours. Informal laboratory, equivalent to five double laboratory periods. Spring Quarter. Prerequisite: Home Economics 354. Campus II. *Mrs. Alexander.*

357. MEAL PLANNING. 3 hours. Three laboratory periods. Prerequisite: Home Economics 306, 351, or 353. Campus II. *Miss Baird.*

SENIOR DIVISION OR GRADUATE COURSES

450 (Sr.) 650 (Gr.). EXPERIMENTAL COOKERY. 5 hours. Two lectures and three double laboratory periods. Prerequisite: Home Economics 350 or equivalent. Campus II. *Miss Baird.*

452 (Sr.) 652 (Gr.). ADVANCED NUTRITION. 5 hours. Prerequisite: Home Economics 351 or equivalent, Human Biology 1 and 2. Campus II. *Miss Newton.*

453 (Sr.) 653 (Gr.). DIET IN DISEASE. 5 hours. Prerequisite: Home Economics 353 or 452. Campus II. *Miss Newton.*

456 (Sr.) 656 (Gr.). METABOLISM STUDIES. 5 hours. Prerequisite: Home Economics 353 or Home Economics 452. Campus II. *Miss Newton.*

457 (Sr.) 657 (Gr.). FIELD WORK IN NUTRITION. 5 hours. Prerequisite: Home Economics 353 or 351. Campus II. *Miss Newton.*

GRADUATE COURSES

856. METHODS OF BIOLOGICAL FOOD INVESTIGATION. 5 hours. Prerequisite: Home Economics 353. Campus II. *Miss Newton.*

857. INTRODUCTION TO RESEARCH IN NUTRITION. 5 hours. Prerequisite: Home Economics 856. Campus II. *Miss Newton.*

TEXTILES AND CLOTHING

SENIOR DIVISION COURSES

321. CLOTHING SELECTION AND CONSTRUCTION. 5 hours. Two lecture and three double laboratory periods. Fall and Winter Quarter. Prerequisites: Home Economics 20, 22, and Art 30. Campus II. *Mrs. Blair and Miss McRae.*

362. ADVANCED CLOTHING CONSTRUCTION AND DESIGN. 5 hours. Spring Quarter. Prerequisite: Home Economics 321. Campus II. *Mrs. Blair.*

363. COSTUME DESIGN. 5 hours. Two lecture and three double laboratory periods. Prerequisite: Home Economics 321. Campus II. *Mrs. Blair.*

364. ADVANCED CLOTHING. 5 hours. Two lecture and three double laboratory periods. Spring Quarter. Prerequisite: Home Economics 321 and 363. Campus II. *Mrs. Blair.*

SENIOR DIVISION OR GRADUATE COURSES

461 (Sr.) 661 (Gr.). TEXTILE AND CLOTHING ECONOMICS. 5 hours. Summer Quarter. Prerequisites: Economics 5, Home Economics 362 or equivalent. Campus II. *Miss Hicks*.

463 (Sr.) 663 (Gr.). HISTORIC COSTUME. 5 hours. Winter Quarter. Prerequisites: Home Economics 321 and one other approved Senior Division course. Campus II. *Mrs. Blair*.

464 (Sr.) 664 (Gr.). ADVANCED CLOTHING. 5 hours. Summer Quarter. Prerequisites: Home Economics 321 and 363 or one other approved Senior Division course in clothing. Campus II. *Mrs. Blair*.

ADMINISTRATION

SENIOR DIVISION COURSES

343. FUNDAMENTALS OF HOUSEHOLD EQUIPMENT. 3 hours. One lecture and two laboratory periods. Prerequisite: Physics 20. Winter Quarter. Campus II. *Mrs. Hood*.

368. HOME MANAGEMENT. 3 hours. Three lectures. Fall, Winter, Spring, and Summer Quarters. Prerequisites: Home Economics 306, 351. Campus II. *Mrs. Moon* and *Mrs. Hood*.

369. HOME MANAGEMENT. 3 hours. Informal laboratory consisting of full quarter's residence in a home management house. Must accompany Home Economics 368 in all cases where the curriculum requires residence. Fall, Winter, Spring, and Summer Quarters. *Mrs. Moon*, *Mrs. Hood*, and *Miss McRae*.

371. INSTITUTIONAL BUYING. 3 hours. Fall Quarter. Campus II. *Mrs. Alexander*.

372. INSTITUTIONAL MANAGEMENT. 5 hours. Winter Quarter. Prerequisite: Home Economics 343 or 446. Campus II. *Mrs. Alexander*.

375. HOME PLANNING AND FURNISHING. 5 hours. Winter and Spring Quarters. Prerequisite: Art 30. Campus II. *Miss Creswell*.

SENIOR DIVISION OR GRADUATE COURSES

446 (Sr.) 646 (Gr.). EQUIPMENT TESTING. 5 hours. Prerequisite: Home Economics 368-369 or equivalent, Physics 20. Campus II. *Mrs. Hood*.

446 (Sr.) 646 (Gr.). EQUIPMENT TESTING. 5 hours. Prerequisite: Home Economics 368-369. Summer Quarter. Campus II. *Mrs. Moon*.

480 (Sr.) 680 (Gr.). HOUSING. 5 hours. Summer Quarter. Prerequisites: Home Economics 368-369 and 375 or equivalent. Campus II. *Miss Creswell*.

FAMILY LIFE

SENIOR DIVISION COURSES

391. CHILD CARE AND TRAINING. 5 hours. Three lectures, informal laboratory. Spring Quarter. Prerequisite: Home Economics 490. Campus II. *Miss McPhaul*.

393. FAMILY RELATIONS. 5 hours. Fall, Winter, and Spring Quarters. Campus II. *Miss Creswell* and *Mrs. Moon*.

SENIOR DIVISION OR GRADUATE COURSES

490 (Sr.) 690 (Gr.). DEVELOPMENT OF THE YOUNG CHILD. 5 hours. Three lecture periods and supervised observation in the Nursery School. Prerequisite: Consent of the instructor. Fall, Winter, Spring, and Summer Quarters. Campus II. *Miss Young* and *Miss McPhaul*.

493 (Sr.) 693 (Gr.). SOCIAL AND ECONOMIC PROBLEMS OF THE FAMILY. 5 hours. Prerequisite: Consent of the instructor. Summer Quarter. Campus II. *Miss Creswell*.

GRADUATE COURSES

892. BEHAVIOR PROBLEMS IN CHILDREN. 5 hours. Prerequisite: Home Economics 490. Campus II. *Miss Young*.

HORTICULTURE

JUNIOR DIVISION COURSES

1. GENERAL HORTICULTURE. 5 hours. Fall, Winter, and Spring Quarters. Campus II. *Mr. Keener*.

A survey of the horticultural practices in plant propagation, vegetable gardening and fruit growing particularly adapted to the farm.

SENIOR DIVISION COURSES

309. SYSTEMATIC POMOLOGY. 5 hours. Fall Quarter. Prerequisite: Horticulture 1. Campus II. *Mr. McHatton*.

A study of the history, classification and adaptability of fruit varieties.

310. GREENHOUSE CONSTRUCTION AND MANAGEMENT. 5 hours. Winter Quarter. Prerequisite: Horticulture 1. Campus II. *Mr. McHatton* and *Greenhouse Staff*.

Special emphasis is placed upon the construction and management of greenhouses, attention being given to economical planning and arrangement of such structures.

311. FLORAL DESIGN. 5 hours. Spring Quarter. Prerequisite: Horticulture 1. Campus II. *Mr. McHatton and Greenhouse Staff.*

The design of bouquets, table decorations, wedding decorations of churches and homes, as well as floral designs for funerals.

353. SPRAYS AND SPRAYING. 5 hours. Fall Quarter. Prerequisite: Horticulture 1. Campus II. *Mr. McHatton.*

A study of the chemistry, preparation and application of sprays to various horticultural crops, special attention being given to the economical and practical end of the work.

355. HORTICULTURAL AND AGRICULTURAL ENTOMOLOGY. 5 hours. Fall, Winter, and Spring Quarters. Campus II. *Mr. McHatton.*

Emphasis in this course is placed upon the identification, life history and control of economic insects as applied to horticulture and agriculture.

362. NURSERY PRODUCTION AND MANAGEMENT. 5 hours. Fall Quarter. Prerequisite: Horticulture 1. Campus II. *Mr. Keener.*

Economical and practical methods of plant propagation receive attention as well as culture, protection and management of nursery properties.

363. HORTICULTURAL MANUFACTURING. 5 hours. Fall Quarter. Campus II. *Mr. Davis.*

The study of fundamental principles underlying canning and preserving, special emphasis being placed upon the community cannery.

SENIOR DIVISION OR GRADUATE COURSES

401 (Sr.) 601 (Gr.). THE FUNDAMENTALS OF FRUIT PRODUCTION. 5 hours. Winter Quarter. Prerequisite: Horticulture 1 and 353. When combined with 602, a minor. Campus II. *Mr. McHatton.*

This course deals with the biological and chemical principles of plant life as directly applied to the economic production of fruit crops.

402 (Sr.) 602 (Gr.). POMOLOGICAL CROPS. 5 hours. Spring Quarter. Prerequisite: Horticulture 401 or 601. Campus II. *Mr. McHatton.*

A careful and intensive study is made of the major pomological crops of the South and the Nation as a whole. The course is designed to acquaint the student with the present practices followed throughout the country in commercial fruit growing. An undergraduate thesis is required in connection with this course.

403 (Sr.) 603 (Gr.). VEGETABLE PRODUCTION. 5 hours. Winter Quarter. Prerequisite: Horticulture 1 and 353. When combined with 604, a minor. Campus II. *Mr. Keener.*

The basis of this course is a study of the fundamental, biological and scientific principles underlying vegetable production.

404 (Sr.) 604 (Gr.). ADVANCED VEGETABLE CROPS. 5 hours. Spring Quarter. Prerequisite: Horticulture 403 or 603. Campus II. *Mr. Keener.*

A continuation of course 403, dealing mainly with the commercial practices at this time being followed in vegetable growing, special emphasis being given to the major vegetable crops.

405 (Sr.) 605 (Gr.). FLORICULTURAL PRODUCTION. 5 hours. Winter Quarter. Prerequisite: Horticulture 1 and 353. When combined with 606, a minor. Campus II. *Mr. McHatton and Greenhouse Staff.*

A study of modern methods in producing flowers out of doors and under glass.

406 (Sr.) 606 (Gr.). BUSINESS MANAGEMENT OF GREENHOUSES. 5 hours. Spring Quarter. Prerequisite: Horticulture 405 and 605. Campus II. *Mr. McHatton and Greenhouse Staff.*

A study of the sources of supply for greenhouse accessories, flowers and ornamental greenhouse plants. The bookkeeping, marketing and general financial and economic management of greenhouses receive special attention.

407-408 (Sr.) 607-608 (Gr.). SUMMER PRACTICUM IN HORTICULTURE. 10 hours. Open to Senior Division students or those having equivalent preparation. Summer Quarter. Campus II. *Mr. McHatton, Mr. Keener, and Horticultural Staff.*

A practical course in Horticulture, the special interest of the individual student being considered. This course requires continual work with horticultural crops.

409 (Sr.) 609 (Gr.). HOME CANNING AND PRESERVING. 5 hours. Fall Quarter. Prerequisites: Bacteriology 350 and Organic Chemistry 346. Campus II. *Mr. Davis.*

Fundamental principles and practices of canning and preserving. Especially designed for home economics teachers, students and home demonstration agents.

410 (Sr.) 610 (Gr.). FUNDAMENTALS OF CANNING. 5 hours. Spring Quarter. Prerequisite: Bacteriology 350. Additional requirements for graduate credit: Bacteriology 351 and Chemistry 340. When combined with 611, a minor. Campus II. *Mr. Davis.*

An introduction to the field of food preservation with emphasis on the scientific principles of canning.

411 (Sr.) 611 (Gr.). FOOD PRODUCTS MANUFACTURE. 5 hours. Fall Quarter. Prerequisite: Horticulture 410 or 610. Campus II. *Mr. Davis.*

Principles and practices of commercial canning, pickling and preserving.

412 CANNING OPERATION AND MANAGEMENT. 5 hours. Winter Quarter. Prerequisite: Horticulture 411. Campus II. *Mr. Davis.*

A study of the economic phases of the canning plant, including construction, equipment, management and technical laboratory control.

413. FROZEN AND DEHYDRATED FOODS. 5 hours. Spring Quarter. Prerequisite: Bacteriology 350. Campus II. *Mr. Davis.*

Principles and methods of preserving foods by freezing and dehydration.

GRADUATE COURSES

(NOTE: Prerequisite to all graduate courses are Horticulture 1, 353, and a sequence to two 400 or 600 courses in Horticulture).

802-803. ADVANCED POMOLOGY. Campus II. *Mr. McHatton.*

This course is based upon an undergraduate degree majoring in Horticulture and deals with the evolution, history and classification of pomological crops.

804-805. ADVANCED VEGETABLE PRODUCTION. Campus II. *Mr. Keener.*

This course is based upon an undergraduate degree majoring in Horticulture and deals with the evolution, history and classification of vegetable crops.

806-807. ADVANCED FLORAL PRODUCTION. Campus II. *Mr. McHatton.*

This course is based upon an undergraduate degree majoring in Horticulture and deals with the evolution, history and classification of floral crops.

808. HORTICULTURAL RESEARCH. Thesis. Campus II. *Mr. McHatton, Mr. Keener, and Mr. Davis.*

A thesis on some horticultural subject selected with reference to student's interest is required of all post-graduate students majoring in Horticulture.

HUMANITIES SURVEY

1 a-b-c. HUMANITIES SURVEY. 9 hours. (Three hours per quarter.) Fall, Winter, and Spring Quarters. Campuses I and III.

This course will include material from English literature, ancient and modern foreign literatures, and the fine arts, such as music, painting, sculpture, and architecture. It is designed to develop in the student some knowledge and an appreciation of these vital factors in life.

JOURNALISM

JUNIOR DIVISION COURSES

1. INTRODUCTION TO JOURNALISTIC WRITING. 5 hours. Spring Quarter. Campuses I and III. *Mr. Drewry and Mr. Massey.*

20. PRINCIPLES AND ETHICS OF JOURNALISM. 5 hours. Winter Quarter. Campuses I and III. *Mr. Drewry.*

30. HISTORY OF JOURNALISM. 5 hours. Fall Quarter. Campuses I and III. *Mr. Butler.*

40. PUBLIC OPINION AND THE PRESS. 5 hours. Spring Quarter. Campuses I and III. *Mr. Butler.*

SENIOR DIVISION COURSES

350. NEWS WRITING AND REPORTING (Part 1). 5 hours. Fall Quarter. Campus I. *Mr. Drewry.*

351. COPY READING, NEWSPAPER EDITING. 3 hours. Winter Quarter. Campus I. *Mr. Butler.*

352. MAKE-UP AND TYPOGRAPHY. 3 hours. Spring Quarter. Prerequisite: Journalism 350 a-b and 351. Campus I. *Mr. Butler* and *Mr. Kempton.*

353. THE EDITORIAL. 3 hours. Spring Quarter. Prerequisite: 350 a-b. Campus I. *Mr. Drewry.*

354. THE LAW OF THE PRESS. 3 hours. Winter Quarter. Campus I. *Mr. Kempton.*

355 a-b. NEWS WRITING AND REPORTING (Part 2). 6 hours. Winter and Spring Quarters. Campus I. *Mr. Massey.*

357. ADVERTISING PRACTICE. 5 hours. Spring Quarter. Campus I. *Mr. Drewry.*

358. FEATURE WRITING AND SPECIAL ARTICLES. 3 hours. Fall Quarter. Campus I. *Mr. Drewry* and *Mr. Kempton.*

360. ADVANCED REPORTING AND NEWS WRITING. 5 hours. Winter Quarter. Prerequisite: Journalism 350 and 355. Campus I. *Mr. Kempton.*

361. DRAMATIC CRITICISM. 3 hours. Spring Quarter. Campus I. *Mr. Crouse.*

362. SHORT STORY WRITING. 3 hours. Fall Quarter. Prerequisite: Consent of instructor. Campus I. *Mr. Kempton.*

363. ADVANCED FICTION AND FEATURE WRITING. 3 hours. Winter Quarter. Prerequisite: Journalism 358 or 362. Campus I. *Mr. Kempton.*

364. NEWSPAPER ADMINISTRATION. 3 hours. Fall Quarter. Campus I. *Mr. Butler.*

366. JOURNALISM IN THE SECONDARY SCHOOL. 5 hours. Spring and Summer Quarters. Campus II. *Mr. Kempton.*

368. CONTEMPORARY NEWSPAPER PRACTICE. 5 hours. Fall and Spring Quarters. Campus I. *Mr. Kempton.*

369. THE RADIO IN JOURNALISM. 5 hours. Laboratory fee \$1.00. Winter Quarter. Campus I. *Mr. Kempton.*

370. NEWS PHOTOGRAPHY. 5 hours. Laboratory fee \$2.50. Breakage deposit \$5.00. Campus I. *Mr. Kempton* and *Mr. Snyder.* (Also offered as Physics 370.)

A study of the photographic requirements of newspapers and magazines and the technique of news photography with elementary training in the use of various cameras, developing, printing, and enlarging.

SENIOR DIVISION OR GRADUATE COURSES

400 (Sr.) 600 (Gr.). FOREIGN NEWS AND THE EUROPEAN PRESS. (Offered *in absentia*, 1940, with all class periods on shipboard or in Europe.) Prerequisite: Consent of Director of the School. Summer Quarter. *Mr. Kempton.*

456 (Sr.) 656 (Gr.). THE MAGAZINE. 5 hours. Fall Quarter. Campus I. *Mr. Drewry.*

459 (Sr.) 659 (Gr.). LITERARY CRITICISM. 3 hours. Winter Quarter. Campus I. *Mr. Drewry.*

467 (Sr.) 667 (Gr.). CONTEMPORARY AMERICAN NEWSPAPERS. 3 hours. Spring Quarter. Campus I. *Mr. Kempton.*

GRADUATE COURSES

801. HISTORY OF JOURNALISM. 5 hours. Fall Quarter. Prerequisite: Journalism 20, 30, 40, 350, 355, 360, 351, 352. Campus I. *Mr. Kempton.*

802. PUBLIC OPINION AND THE PRESS. 5 hours. Spring Quarter. Prerequisite: Journalism 20, 30, 40, 350, 355, 360, 351, 352. Campus I. *Mr. Kempton.*

807-808. ADVERTISING. Minor. *Mr. Drewry.*

LANDSCAPE ARCHITECTURE

JUNIOR DIVISION COURSES

11. ELEMENTS OF ARCHITECTURE. 5 hours. Five laboratory periods. Fall Quarter. Campus I.

A study of the orders with drawing practice.

12. INTRODUCTORY LANDSCAPE DESIGN. 5 hours. Five lecture or laboratory periods. Prerequisite: Landscape Architecture 11. Fall and Winter Quarters. Campus I.

Deals with elementary design as applied to small properties, small estates, civic centers and the like.

13. LANDSCAPE DESIGN. 3 hours. Three laboratory periods. Prerequisite: Landscape Architecture 12. Fall and Spring Quarters. Campus I. *Mr. Owens.*

Problems in advanced design, involving designing and rendering of plans for country estates, state parks, etc.

14. ARCHITECTURAL DESIGN. 3 hours. Three laboratory periods. No prerequisite. Fall Quarter. Campuses I and III.

An abstract approach to the general field of design through architectural principles.

70. HISTORY OF LANDSCAPE ARCHITECTURE. 3 hours. Three lecture

periods. Prerequisite: Landscape Architecture 11. Fall and Spring Quarters. Campus I. *Mr. Owens.*

Deals with the history of gardening from Italian Renaissance to present time with particular attention devoted to its development in the South.

SENIOR DIVISION COURSES

350. CONSTRUCTION. 5 hours. Prerequisite: Landscape Design 13. Winter Quarter. Campus I.

Problems dealing with the architectural elements in landscape design such as garden shelters, walls, steps, pools, etc. Working drawings and specifications required.

351. PLANT MATERIALS. 5 hours. Fall Quarter. Campus I. *Mr. Owens.*

A study of plant materials used in landscape architecture, dealing with trees and shrubs.

352. PLANT MATERIALS. 5 hours. Three laboratory periods. Spring Quarter. Campus I. *Mr. Owens.*

A study of plant materials used in landscape architecture, dealing with flowers, perennials, and grasses.

353 a-b. CITY PLANNING. 6 hours. Three laboratory periods. Spring Quarter. Campus I. *Mr. Owens.*

Deals with brief history of city planning as affects modern problems with special attention devoted to zoning and regional planning.

354. PLANTING DESIGN. 5 hours. Five lecture or laboratory periods. Prerequisite: Landscape Architecture 353 a-b. Winter Quarter. Campus I. *Mr. Owens.*

Dealing with problems which aim to train the student to produce with plants and other landscape materials practical and aesthetically effective results. This study is done by means of plans, sketches, elevations, perspectives and is accomplished by planting estimates and reports.

355. LANDSCAPE THESIS. 5 hours. Five lecture or laboratory periods. Prerequisite: Landscape Architecture 353 a-b. Spring Quarter. Campus I. *Mr. Owens.*

A problem will be assigned the student who will be expected to design the property and submit completed plans and construction reports of the same. The hours of the course will be arranged.

356 a-b. LANDSCAPE DESIGN. 6 hours. Three laboratory periods with criticism and lectures. Prerequisite: Landscape Architecture 13. Fall and Winter Quarters. Campus I.

Problems in advanced landscape design and rendering of plans for city and state parks, recreational areas, athletic fields and school grounds.

357 a-b. LANDSCAPE DESIGN. 6 hours. Three laboratory periods with criticism and lectures. Prerequisite: Landscape Architecture 356 a-b. Fall and Winter Quarters. Campus I.

Problems in advanced landscape design and rendering of plans for residential subdivisions, community design, golf and country clubs, cemeteries, etc.

360. HISTORY OF ARCHITECTURE. 5 hours. Four lecture and one laboratory periods. No prerequisite: Winter and Spring Quarter. Campus I.

Egyptian, Greek, Roman, Byzantine, Romanesque, Gothic, Renaissance, Tudor, Georgian, Early American and Modern Architecture with special emphasis on domestic architecture and on those styles which have been most popular in America for residences and public buildings.

370. HISTORY AND APPRECIATION OF LANDSCAPE ARCHITECTURE. 5 hours. Five lecture periods. Especially designed as an elective for students not majoring in landscape architecture. Fall and Spring Quarters. Campus I. *Mr. Owens.*

A study of the elements of landscape architecture. The course deals with the history of gardening with particular attention devoted to its development in the South, and the application of landscape design to outdoor areas including the small home, park, cemetery, estate, etc.

371. THEORY OF LANDSCAPE ARCHITECTURE. 3 hours. Three lecture periods. Prerequisite: Landscape Architecture 70. Theory of design principles as applied in landscape architecture. Winter Quarter. Campus I. *Mr. Owens.*

LATIN

JUNIOR DIVISION COURSES

101. ELEMENTARY LATIN. 5 hours. Fall Quarter. Campuses I and III. *Mr. McWhorter.*

A beginners' course in Latin arranged for college students. The first half of a sequence, Latin 101-102.

102. INTERMEDIATE LATIN. 5 hours. Prerequisite: Latin 101 or one high school unit in Latin. Winter Quarter. Campuses I and III. *Mr. McWhorter.*

Continuation of Latin 101.

103. READINGS IN LATIN. 5 hours. Prerequisite: Latin 102 or two high school units in Latin. Fall and Spring Quarters; Campus I. Spring Quarter; Campus III. *Mr. Hooper* and *Mr. McWhorter.*

Review of forms and syntax and reading of simple selections from Latin authors.

104. READINGS IN LATIN (Continued). 5 hours. Prerequisite: Latin 103 or the equivalent. Winter Quarter. Campus I. *Mr. Hooper* and *Mr. McWhorter*.

Continuation of Latin 103.

105. TERENCE OR LIVY. 5 hours. Prerequisite: Latin 104 or three units of high school Latin. Fall and Spring Quarters. Campus I. *Mr. Hooper* and *Mr. McWhorter*.

A play of Terence or the equivalent of one book of Livy will be read.

106. HORACE, ODES. 5 hours. Prerequisite: Latin 105 or the equivalent. Winter Quarter. Campus I. *Mr. Hooper*.

Selected Odes of Horace will be read.

SENIOR DIVISION COURSES

305. CICERO, ESSAYS. 5 hours. Prerequisite: Latin 106 or the equivalent. Spring Quarter. Campus I. *Mr. Hooper*.

A study of Cicero's *De Officiis* or of other essays.

360 a-b-c. HORACE; SILVER LATIN. 9 hours. (Three hours each quarter.) Prerequisite: Latin 305 or the equivalent. Fall, Winter, and Spring Quarters. Campus I. *Mr. Hooper*.

Reading of Horace's *Satires* and *Epistles*; and of Tacitus and Pliny.

361 a-b-c. READING COURSE. 9 hours. (Three hours each quarter.) Prerequisite: Latin 360 a-b-c or the equivalent. Fall, Winter, and Spring Quarters. Campus I. *Mr. Hooper*.

A course in which selections are read from a number of authors, illustrating the history of the literature.

LAW

FIRST YEAR

BUSINESS ORGANIZATIONS I. 5 hours. Winter Quarter. *Mr. Sellers*.
CONTRACTS I and II. 4 hours; Fall Quarter. 5 hours; Winter Quarter. *Mr. Hosch*.

CRIMINAL LAW AND PROCEDURE. 5 hours. Fall Quarter. *Mr. McWhorter*.

FAMILY RELATIONS. 4 hours. Spring Quarter. *Mr. Spruill*.

INTRODUCTION TO THE STUDY OF LAW AND THE LEGAL PROFESSION, I, II, and III. 1 hour; Fall Quarter. 1 hour; Winter Quarter. 1 hour; Spring Quarter. *Mr. Hosch* and *Mr. Spruill*.

PLEADING AND PRACTICE. 5 hours. Fall Quarter. *Mr. Spruill*.

PROPERTY I. 5 hours. Spring Quarter. *Mr. McWhorter*.

TORTS I and II. 3 hours; Winter Quarter. 4 hours; Spring Quarter. *Mr. Shinn*.

SECOND YEAR

ADMINISTRATIVE LAW. 4 hours. Winter Quarter. *Mr. Sellers.*
BUSINESS ORGANIZATIONS II. 5 hours. Winter Quarter. *Mr. Spruill.*
CONSTITUTIONAL LAW. 4 hours. Fall Quarter. *Mr. Shinn.*
EQUITY I and II. 5 hours; Winter Quarter. 3 hours; Spring Quarter. *Mr. McWhorter.*
ESSAY. 1 hour. *Faculty Supervision.*
EVIDENCE. 5 hours. Fall Quarter. *Mr. Green.*
GEORGIA PRACTICE. 4 hours. Spring Quarter. *Mr. Bradwell.*
INSURANCE. 3 hours. Winter Quarter. *Mr. Green.*
LEGAL ACCOUNTING. 3 hours. Winter Quarter. *Mr. Heckman.*
NEGOTIABLE INSTRUMENTS. 4 hours. Spring Quarter. *Mr. Green.*
PROPERTY II. 5 hours. Fall Quarter. *Mr. McWhorter.*
PUBLIC CORPORATIONS. 3 hours. Spring Quarter. *Mr. Sellers.*
SALES. 3 hours. Spring Quarter. *Mr. Spruill.*

THIRD YEAR

ADMINISTRATIVE LAW. 4 hours. Winter Quarter. *Mr. Sellers.*
BANKRUPTCY. 3 hours. Spring Quarter. *Mr. Green.*
BUSINESS ORGANIZATIONS II. 5 hours. Winter Quarter. *Mr. Spruill.*
CONFLICT OF LAWS. 4 hours. Spring Quarter. *Mr. Hosch.*
DAMAGES. 3 hours. Spring Quarter. *Mr. Sellers.*
ESSAY. 1 hour. *Faculty Supervision.*
FEDERAL PROCEDURE. 3 hours. Fall Quarter. *Mr. Sellers.*
GOVERNMENT REGULATION OF BUSINESS. 4 hours. Fall Quarter. *Mr. Shinn.*
LABOR LAW. 3 hours. Winter Quarter. *Mr. Shinn.*
PRACTICE COURT. 1 hour; Fall Quarter. 1 hour; Winter Quarter. 1 hour; Spring Quarter. *Mr. Bradwell.*
PREPARATION AND EXAMINATION OF ABSTRACTS OF TITLE. 2 hours. Winter Quarter. *Mr. McWhorter.*
PUBLIC CORPORATIONS. 3 hours. Spring Quarter. *Mr. Sellers.*
PUBLIC UTILITIES. 4 hours. Fall Quarter. *Mr. Sellers.*
QUASI CONTRACTS AND EQUITABLE RELIEF AGAINST MISTAKE. 3 hours. Fall Quarter. *Mr. Spruill.*
SALES. 3 hours. Spring Quarter. *Mr. Spruill.*
SECURITY TRANSACTIONS. 4 hours. Winter Quarter. *Mr. Green.*
TAXATION. 3 hours. Fall Quarter. *Mr. Green.*
TRUSTS AND ESTATES I and II. 4 hours; Winter Quarter. 4 hours; Spring Quarter. *Mr. Shinn.*

MATHEMATICS

JUNIOR DIVISION COURSES

1. TRIGONOMETRY AND ALGEBRA. 5 hours. Campus I. Fall, Winter, and Spring Quarters. *Mr. Beckwith.*

An elementary course in trigonometry and algebra.

2. ANALYTICAL GEOMETRY. 5 hours. Prerequisite: Mathematics 1 or 20 or 30. Winter and Spring Quarters. Campus I. *Mr. Beckwith* and *Mr. Hill.*

A beginning course in analytics, including the straight line, the circle, and conics.

3. CALCULUS. 5 hours. Prerequisite: Mathematics 2 or 21 or 22. Spring Quarter. Campus I. *Mr. Barrow* and *Mr. Strahan.*

A beginning course in the differential calculus with a few simple applications of the integral calculus.

4. COLLEGE ALGEBRA. 5 hours. Winter Quarter. Campus I. *Mr. Strahan* and *Mr. Beckwith.*

This course covers the usual topics of college algebra. It is not open to those who have had Mathematics 1.

20. FRESHMAN MATHEMATICS. 5 hours. Fall, Winter, and Spring Quarters. Campuses I and III. *Mr. Stephens, Mr. Barrow, Mr. Strahan, Mr. Cumming, Mr. Beckwith, Miss Callaway, and Mr. Hill.*

A beginning course in algebra, statistics, finance, and trigonometry. Required of most freshmen.

21. TRIGONOMETRY AND ANALYTICS. 5 hours. Prerequisite: Mathematics 20. Winter and Spring Quarters. Campuses I and III. *Mr. Stephens, Mr. Cumming, Mr. Hill, and Miss Callaway.*

This course takes up those parts in plane trigonometry, not covered in Mathematics 20, and also includes analytics through the circle. Not open to those with credit for Mathematics 2.

22. ANALYTICS AND TRIGONOMETRY. 5 hours. (Not offered 1940-41.)

This course covers the same trigonometry as Mathematics 1 and the same analytics as Mathematics 21. It is not open to those having credit for Mathematics 1 or 21.

30. TRIGONOMETRY. 5 hours. Fall Quarter. *Mr. Strahan.*

A course in plane trigonometry, given especially for students in agricultural engineering, emphasizes logarithms and numerical calculations.

SENIOR DIVISION COURSES

354. CALCULUS. 5 hours. Prerequisite: Mathematics 21 or 22 or 2. Fall Quarter. Campus I. *Mr. Barrow* and *Mr. Beckwith.*

This is a beginning course in calculus, but is open only to Senior Division students. It is not open to students who have had Mathematics 3.

355. CALCULUS. 5 hours. Prerequisite: Mathematics 354 or 3. Winter Quarter. Campus I. *Mr. Barrow*.

This is a second course in the calculus, including both integral and differential with applications.

356. STATISTICS. 5 hours. Prerequisite: One Junior College course in Mathematics. Fall, Winter, and Spring Quarters. Campus I. *Mr. Barrow* and *Mr. Cumming*.

An elementary course in statistics.

357. ADVANCED STATISTICS. 5 hours. Prerequisite: Mathematics 356. Fall, Winter, and Spring Quarters. Campus I. *Mr. Cumming*.

This course deals more intensely with certain subjects discussed in Mathematics 356. It includes also curve fitting, frequency distributions, sampling and statistical induction, partial and multiple correlation, analysis of time series, sources of material.

361. INVESTMENT. 5 hours. Prerequisite: Same as for Mathematics 356. Fall and Spring Quarters. Campus I. *Mr. Stephens* and *Mr. Cumming*.

This course includes interest, annuities, sinking funds, insurance, and bonds.

362. ANALYTICS. 5 hours. Prerequisite: Mathematics 21 or 22. (Not offered 1940-41.)

This is a continuation of the analytics of Mathematics 21, reviewing the fundamental principles and applying these in more general cases.

SENIOR DIVISION OR GRADUATE COURSES

401 (Sr.) 601 (Gr.). DIFFERENTIAL EQUATIONS. 5 hours. Prerequisite: Mathematics 355. Fall Quarter. Campus I. *Mr. Stephens* or *Mr. Barrow*.

This is a course in elementary differential equations with applications to geometry and physics.

402 (Sr.) 602 (Gr.). VECTOR ANALYSIS. 5 hours. Prerequisite: Mathematics 355. (Not offered 1940-41.)

A study of vector methods and their physical applications.

403 (Sr.) 603 (Gr.). PROJECTIVE GEOMETRY. 5 hours. Prerequisite: Three to five courses in college mathematics. Spring Quarter. Campus I. *Mr. Stephens*.

Projection and section, projectivities as applied to forms of the second order.

404 (Sr.) 604 (Gr.). THEORETICAL MECHANICS. 5 hours. Prerequisites: Mathematics 355 and Physics 331. Campus I. *Mr. Stephens* or *Mr. Hendren*. (Course given if demand warrants.)

This course may count as either mathematics or physics.

406 (Sr.) 606 (Gr.). ADVANCED ANALYTICS. 5 hours. Prerequisite: Mathematics 355. Campus I. *Mr. Stephens* or *Mr. Barrow*. (Course given if demand warrants.)

This course develops a system of trilinear coordinates with applications of analytical methods to geometrical problems.

407 (Sr.) 607 (Gr.). ADVANCED STATISTICS. 5 hours. Prerequisite: Mathematics 356. Winter and Spring Quarters. Campus I. *Mr. Cumming*.

This course deals with the normal curve and the coefficient of correlation.

411 (Sr.) 611 (Gr.). THEORY OF EQUATIONS. 5 hours. Prerequisite: Mathematics 355. Fall Quarter. Campus I. *Mr. Barrow*.

This course covers the usual topics, such as cubic and quartic equations, solutions of numerical equations, determinants.

412 (Sr.) 612 (Gr.). COLLEGE GEOMETRY. 5 hours. Prerequisite: Three to five courses in college mathematics. Winter Quarter. Campus I. *Mr. Barrow* or *Mr. Cumming*.

This is an advanced course in geometry.

422 (Sr.) 622 (Gr.). HISTORY OF MATHEMATICS. 3 hours. Prerequisite: Same as for Mathematics 412. *Mr. Beckwith*.

423 (Sr.) 623 (Gr.). FAMOUS PROBLEMS. 3 hours. Prerequisite: Same as for Mathematics 412. *Mr. Hill*.

431 (Sr.) 631 (Gr.). THEORY OF NUMBERS. 3 hours. Prerequisite: Same as for Mathematics 412. Campus I. *Mr. Barrow* or *Mr. Beckwith*. (Course given if demand warrants.)

This course will take up the usual topics of an elementary course in the theory of numbers.

435 (Sr.) 635 (Gr.). FOURIER'S SERIES. 5 hours. Prerequisite: Mathematics 355. *Mr. Barrow*. (Course given if demand warrants.)

GRADUATE COURSES

805. THEORY OF FUNCTIONS. 5 hours. Prerequisite: Mathematics 355. *Mr. Stephens*. (Course given if demand warrants.)

810 a-b. ADVANCED CALCULUS. 6 hours. Three hours per week for two quarters. Prerequisite: Mathematics 355. *Mr. Barrow*.

Fundamental concepts and theorems found in earlier courses receive a more rigorous treatment, and certain new topics such as gamma functions, line integrals, and Fourier's series are introduced.

811. ADVANCED CALCULUS. 3 hours. Prerequisite: Mathematics 810. *Mr. Barrow*.

A continuation of Mathematics 810.

832. ELLIPTIC INTEGRALS. 5 hours. Prerequisite: Mathematics 355. *Mr. Beckwith*. (Course given if demand warrants.)

The evaluation of the definite integral of elementary elliptic functions according to types. Exercises and applications.

MUSIC

JUNIOR DIVISION COURSES

1. SIGHT SINGING AND DICTATION. 5 hours. Winter Quarter. Campus I. Prerequisite: Music 2 or examination.

Subject matter course.

2. ELEMENTS AND THEORY OF MUSIC. 5 hours. Fall Quarter. Campus I. *Mr. Hodgson.*

Training in observation of the elements of music and of musical form. Basic material designed for public school grade teachers who have had no previous training in music.

3. APPRECIATION OF MUSIC. One lecture recital per week. Open to the public. 3 hours. (One hour each quarter.) Fall, Winter, Spring, and Summer Quarters. Campus I. *Mr. Hodgson.*

Credit given only to students taking another theoretical music course.

22. HISTORY OF MUSIC. 5 hours. Spring Quarter. Campus III. *Mr. Hodgson* and *Miss Kimble.*

A literary course not requiring special technical skill.

31. ELEMENTARY HARMONY. Prerequisite: Ability to read music notation. 5 hours. Spring Quarter. Campus III. *Mr. McDowell* and *Mr. Hodgson.*

The grammar of music through secondary sevenths. Close and open harmony employed in exercises, harmonization of soprano melodies and compositions of original form.

32 a-b. ADVANCED HARMONY. Prerequisite: Music 31. 6 hours. (Three hours per quarter). Fall and Winter Quarters. Campus III. *Mr. McDowell* or *Mr. Hodgson.*

33. KEYBOARD HARMONY. Prerequisite: Music 32. 3 hours. Spring Quarter. Campus III. *Miss Kimble.*

A practical application at the keyboard of music theory.

SENIOR DIVISION COURSES

302. METHODS OF TEACHING MUSIC AND SIGHT SINGING. 5 hours. Fall and Spring Quarters. Campus I.

Methods course.

312. PUBLIC SCHOOL MUSIC FOR ELEMENTARY GRADES. 5 hours. Winter and Spring Quarters. Prerequisite: Public School Music 302. Campus I. *Miss Smith.*

313. MUSIC IN JUNIOR AND SENIOR HIGH SCHOOLS. 5 hours. Fall and Winter Quarters. Campus I. *Miss Smith.*

314-315. SUPERVISED TEACHING OF PUBLIC SCHOOL MUSIC. 5 hours each. Prerequisite: Public School Music 312. Campus III. *Miss Smith*.

340. DEVELOPMENT OF OPERA. 3 hours. Fall Quarter. Campus I. *Mr. Hodgson* or *Mr. McDowell*.

A general literary course in appreciation of the entire field of opera. Illustrations from selected scores played in class.

341. DEVELOPMENT OF OPERA. 3 hours. Winter Quarter. Campus I. *Mr. Hodgson* or *Mr. McDowell*.

A continuation of Music 340.

343. LISTENER'S HISTORY OF MUSIC. 3 hours. Fall and Spring Quarters. Campus I. *Mr. Hodgson*.

For the student untrained musically, who wishes to acquire an intelligent appreciation of the Art. This course is especially designed in conjunction with the three-hour Art Appreciation course (Art 17) under Mr. Dodd. Required of all students preparing to teach in the public schools of the state.

342. WAGNER'S MUSIC DRAMAS. 3 hours. Spring Quarter. Campus I. *Mr. Hodgson*.

A course of literary and cultural value concentrating on a detailed study of the plots and themes of all the Wagner operas, with scores of the "Ring," "Tannhauser," "Lohengrin," "Tristan and Isolde" played in class.

351. MUSIC AND LITERATURE. 5 hours. Winter Quarter. Campus I. *Mr. Brown*.

A comparative study of the forms, relationships, and aesthetics of music and literature. Admission by consent of the instructor.

353. HISTORY OF PIANO LITERATURE. 3 hours. Fall Quarter. Campus I. *Mr. Hodgson* or *Miss Kimble*.

356. BACH-BEETHOVEN-BRAHMS. 3 hours. Winter Quarter. Campus I. *Mr. Hodgson*.

A detailed study of the principal works of the three great composers, with their masterpieces performed in class.

357. BEETHOVEN SYMPHONIES. 3 hours. Spring Quarter. Campus I. *Mr. Hodgson* and *Miss Kimble*.

A detailed study of the nine symphonies of Beethoven.

359. ENGLISH FOLK SONG. 5 hours. Fall Quarter. Campus I. *Mr. Walker* and *Mr. Hodgson*.

360. MODERN MUSIC. 3 hours. Fall Quarter. Campus I. *Mr. Hodgson* and *Miss Kimble*.

A literary course illustrating modern trends in music of Schonberg, Stravinsky, Bartok, Scriabin, etc.

361. MODERN MUSIC. 3 hours. Winter Quarter. Campus I. *Mr. Hodgson* and *Miss Kimble*.

A continuation of Music 360, involving more complicated modern trends.

370. ANALYSIS AND FORM. Prerequisite: Music 31 and 32. 5 hours. Spring Quarter. Campus I. *Mr. Hodgson* or *Mr. McDowell*.

Harmonic and Polyphonic forms analyzed. Special stress given Sonata form and Bach's "Well empered Clavichord." Students encouraged to write originally in forms thus analyzed.

371. COUNTERPOINT. Prerequisite: Music 31, 32, 370. 5 hours. Winter Quarter. Campus I. *Mr. McDowell*.

373. ADVANCED SIGHT SINGING AND DICTATION. 5 hours. Spring Quarter. Campus I. Prerequisite: Music 1.

PRACTICAL COURSES IN MUSIC

The following courses are offered to enable the talented students, who wish to devote a large amount of time to practical work, to receive a limited amount of credit. Therefore, no such credit is allowed on courses of this nature transferred from other institutions. The maximum amount of credit allowed on any degree for this work is 20 quarter hours (only five quarter hours per year).

MUSIC 81. 5 hours. Two half-hour private lessons per week for three quarters. One and one-half hours practice per day. Laboratory fee course.

MUSIC 82. 5 hours. Prerequisite: Music 81. Laboratory fee course.

MUSIC 383. 5 hours. Prerequisite: Music 81 and 82. Laboratory fee course.

MUSIC 384. 5 hours. Prerequisite: Music 81, 82, and 383.

EXTRA-CURRICULAR practical courses in Piano Technique, Piano Keyboard Harmony, and Ensemble Playing are given to students without fee.

MILITARY SCIENCE AND TACTICS

JUNIOR DIVISION COURSES

1 a-b-c-2 a-b-c. MILITARY SCIENCE AND TACTICS (Cavalry-Infantry). 10 hours. Three recitations or lecture periods and one hour practical drill per week for three quarters for each course. Double course.

Two academic years. Required for all physically fit male students registering as freshmen or sophomores in all courses.

These courses include: Obligations of Citizenship, Military History and Policy of the United States, Current International Situation, Military Courtesy and Discipline, Drill, Map Reading, basic training in weapons and minor tactics, Hygiene, Sanitation and First Aid, Command and Leadership. Cavalry students, in addition, study Equestrian and Care of Animals.

SENIOR DIVISION COURSES

350 a-b-c. ADVANCED MILITARY SCIENCE AND TACTICS (Cavalry-Infantry). 9 hours. Four recitation periods of one hour and one hour practical drill per week for three quarters. If enrolled in Advanced ROTC, 352-353-354, are required for any degree. Prerequisite: Military Science 1-2 a-b-c. Deposit of \$25.00 to cover cost of special uniform, etc. Offered beginning of first quarter only. Emoluments: See note following 353-354 a-b-c.

352. ADVANCED MILITARY SCIENCE AND TACTICS (Cavalry-Infantry). Six weeks attendance at a military camp. Practical application of subjects covered in 350 and 351. Required of all students regularly enrolled in ROTC Advanced Course. Emoluments: See note following 353-354.

353 a-b-c. ADVANCED MILITARY SCIENCE AND TACTICS (Cavalry-Infantry). 9 hours. Four recitation periods and one hour practical drill per week for three quarters. Required for all students enrolled in Advanced ROTC. Prerequisite: 350-351 a-b-c.

Military Science and Tactics 350-351 a-b-c and 353-354 a-b-c covers: Aerial Photography, Command and Leadership, Administration and Supply, Weapons, Military History, Military Law, Mechanization, Drill and Tactics of the Combat Arms. Cavalry students study advanced Equitation and Horsemanship.

EMOLUMENTS. All students enrolled in the ROTC Advanced Course receive a clothing allowance of \$29.00 for the first year and \$7.00 for the second year; commutation of subsistence at the rate of 25 cents per day for the entire period of enrollment with the exception of the six weeks at camp. One camp of six weeks required at the end of the junior year, Advanced Course. All expenses to and from camp are paid. While at camp students are furnished meals free of cost and receive in addition thereto pay at the rate of 70 cents per day. Students satisfactorily completing the advanced course are offered commissions as second lieutenants in the Officers Reserve Corps. Students taking the course without commutation may, by attending either an R. O. T. C. or C. M. T. Camp, obtain commission in the Officers Reserve Corps.

Staff: Colonel Kerr T. Riggs, Lieut. Colonel R. B. Trimble, Lieut. Colonel A. H. Peyton, Major Bertrand Morrow, Major James Van V. Shufelt, Major Arthur G. Hutchinson, Major H. R. Anderson, Tech. Sergeant Jasper L. Kirby, and Staff Sergeant Joseph P. Holloman.

PHARMACY

JUNIOR DIVISION COURSES

1-2. ARITHMETIC IN PHARMACY. 10 hours. (Five hours per quarter). Fall and Winter Quarters. Campus I. *Mr. Wilson.*

The study of weights and measures, calculations, involving percentage solutions, dilutions and concentrations, specific gravities, and commercial arithmetic.

3-4-5. GALENICAL PHARMACY. 18 hours (Six hours per quarter). Three lecture and three laboratory periods. Laboratory fee \$2.50 per quarter. Fall, Winter, and Spring Quarters. Campus I. *Mr. Purdum.*

A study of the Galenical preparations of the United States Pharmacopoeia and National Formulary including their manufacture, incompatibilities, medicinal and pharmaceutical uses, etc.

The laboratory work involves the manufacture of preparations which are typical of the various classes of Galenicals. Special emphasis is placed on laboratory technique.

SENIOR DIVISION COURSES

351-352-353. THE PHARMACOGNOSY AND PHARMACOLOGY (MATEIA MEDICA) OF VEGETABLE DRUGS. 9 hours (Three hours per quarter). Fall, Winter, and Spring Quarters. Campus I. *Mr. Wilson and Assistants.*

NOTE. May be given on intensive basis Fall and Winter Quarters. Old numbers 359-360.

The occurrence, properties, constituents, therapeutic uses, doses, macroscopic identification, history, etc., of the various U. S. P. and N. F. vegetable drugs.

356-357-358. THE CHEMISTRY OF INORGANIC MEDICINAL COMPOUNDS.

These three courses are devoted to a detailed study of the inorganic compounds of medicinal importance. The source, composition, nomenclature, physical and chemical properties of each compound is discussed along with its principal therapeutic uses. In those cases where the inorganic salts owe their activity to the acid radical this component of the salt is emphasized. The laboratory courses which correlate the lectures and recitations consist of preparing, purifying, identifying, assaying, and determining the major incompatibilities of selected inorganic compounds recognized by the U. S. P. and N. F.

356. THE NON-METALS AND THEIR SIMPLER DERIVATIVES. 5 hours. Three hours of lecture and four hours of laboratory per week. Prerequisites: Chemistry 21-22-23. Laboratory fee \$2.50. Fall Quarter. Campus I. *Mr. Sumerford.*

357. THE COMPOUNDS OF THE ALKALI AND ALKALINE EARTH METALS. 5 hours. Three hours of lecture and four hours of laboratory per week. Prerequisite: Pharmacy 356. Laboratory fee, \$2.50. Winter Quarter. Campus I. *Mr. Sumerford.*

358. THE COMPOUNDS OF THE METALS OTHER THAN ALKALI AND ALKALINE EARTH METALS. 5 hours. Three hours of lecture and four hours

of laboratory per week. Prerequisite: Pharmacy 357. Laboratory fee, \$2.50. Spring Quarter. Campus I. *Mr. Sumerford.*

361-362. DISPENSING PHARMACY. 10 hours. (Five hours per quarter). Fall and Winter Quarters. Two lecture and three laboratory periods. Laboratory fee, \$2.50 per quarter. Campus I. *Mr. Purdum.*

The class work consists of a discussion of the problems encountered in the compounding of physicians' prescriptions. These problems include reading of the prescriptions, compatability and order of mixing of the ingredients.

The laboratory work includes the compounding of the various types of prescriptions, many of which have been selected from actual prescription practice. The products so prepared are then packaged, labeled, priced and wrapped. Individual instruction is given in the receipt of prescriptions over the telephone. These prescriptions are dictated by members of the faculty and by nearby physicians.

The students receive further experience by working in the dispensary operated by the School of Pharmacy in which prescriptions are compounded for all students in the University who may be in need of medication.

363-364-365. THE CHEMISTRY OF ORGANIC MEDICINAL COMPOUNDS.

These three courses are devoted to a consideration of the history, origin, structure, and nomenclature, physical properties, and chemical behavior of both the naturally occurring and synthetic organic compounds of the U. S. P., N. F., and N. N. R. The relationship of structure to physiological activity is pointed out in those cases where it is known to exist. The laboratory exercises which correlate the lectures consist of experiments designed to familiarize the student with reactions of certain typical groups as well as reactions of individual compounds. The identity and purity of selected compounds are determined and, where feasible, certain simpler, medicinally important derivatives are synthesized.

363. THE HYDROCARBONS, ALKYL HALIDES, ALCOHOLS, PHENOLS, AND ETHERS. 5 hours. Three hours of lecture and four hours of laboratory per week. Prerequisite: Chemistry 340 a and 340 b. Laboratory fee, \$2.50. Fall Quarter. Campus I. *Mr. Sumerford.*

364. THE ACIDS, ESTERS, SALOLS, ALDEHYDES, AND KETONES. 5 hours. Three hours of lecture and four hours of laboratory per week. Prerequisite: Pharmacy 363. Laboratory fee, \$2.50. Winter Quarter. Campus I. *Mr. Sumerford.*

365. THE NITROGEN DERIVATIVES, SULFUR DERIVATIVES, ORGANO-METALLIC DERIVATIVES, AND MEDICINAL DYES. 5 hours. Three hours of lecture and four hours of laboratory per week. Prerequisite: Pharmacy 364. Laboratory fee, \$2.50. Spring Quarter. Campus I. *Mr. Sumerford.*

366-367. THE PHARMACOGNOSY AND PHARMACOLOGY (MATERIA MEDICA) OF VEGETABLE AND ANIMAL DRUGS. 10 hours. (Five hours each quarter). Winter and Spring Quarters. Campus I. *Mr. Wilson.*

A continuation of 351-2-3.

368. FUNGICIDES AND PARASITICIDES. 5 hours. Spring Quarter. Campus I. *Mr. Purdum.*

A course dealing with the various agents used as insecticides, fungicides, parasiticides, and rodenticides; their source or manufacture, use, methods of application, strength in which they should be used, caution to be used, symptoms of poisoning, antidotes, etc.

PHILOSOPHY

SENIOR DIVISION COURSES

304. INTRODUCTION TO PHILOSOPHY. 5 hours. Fall Quarter. Campus I. *Mr. Wrighton.*

A course in the fundamentals of philosophy, the vocabulary of philosophy, and the relation of philosophy to science, art, literature, religion, and other fields of knowledge.

305. GENERAL ETHICS. 5 hours. Winter Quarter. Campus I. *Mr. Wrighton.*

A study of concrete contemporary problems in order that the student may be enabled to find guidance in the supreme art of living.

307. PHILOSOPHY OF RELIGION. 5 hours. Winter Quarter. Campus I. *Mr. Wrighton.*

A series of classes and forms, showing the basis of faith, the assurance of truth, the dynamics of righteousness, the meaning and purpose of life, the comparison of Christianity and other religions.

352. MORAL PHILOSOPHY AND THE NEW TESTAMENT. 5 hours. Fall Quarter. Campus I. *Mr. Wrighton.*

The similarities and differences between Greek ethics and the moral philosophy of the New Testament. A thorough study is made of the verities of the New Testament in their relation to the moral life. The ultimate aim of the course is to know in order to live the Christian life.

356. HISTORY OF PHILOSOPHY—ANCIENT AND MEDIEVAL. 5 hours. Fall Quarter. Campus I. *Mr. Honig.*

357. HISTORY OF PHILOSOPHY—MODERN. 5 hours. Winter Quarter. Campus I. *Mr. Honig.*

358. MODERN LOGIC. 5 hours. Fall Quarter. Campus I. *Mr. Honig.*

A study of the procedure of reflection, the relation of logic to philosophy, the purpose of logic, the art of correct thinking, induction, deduction, the syllogism, and scientific explanation.

SENIOR DIVISION OR GRADUATE COURSES

401 (Sr.) 601 (Gr.). CHRISTIAN ETHICS AND MODERN PROBLEMS. 5 hours. Spring Quarter. Campus I. Prerequisite for graduate credit: two Senior Division courses in philosophy. *Mr. Wrighton.*

A series of discussions in which the principles of Christian ethics are applied to the solution of the problems of modern life. The mem-

bers of the class are required to do reflective thinking on moral questions vitally related to personal, community, national, and international life.

402 (Sr.) 602 (Gr.). PHILOSOPHY OF HISTORY. 5 hours. Spring Quarter. Campus I. *Mr. Honig.*

A report on the doctrines concerning the destination of mankind, based on and criticizing the fundamental ideas, the principles, and the method of historiography.

408 (Sr.) 608 (Gr.). PHILOSOPHY OF THE CHRISTIAN RELIGION. 5 hours. Spring Quarter. Campus I. *Mr. Wrighton.*

The creation of the Christian religion. The interpretation of the person of Christ. The place of Christ in universal history.

409 (Sr.) 609 (Gr.). LITERATURE OF ANCIENT AND MEDIEVAL PHILOSOPHY. 5 hours. Winter Quarter. Campus I. *Mr. Honig.*

A course in the writings of some of the leading philosophers of the ancient and medieval periods in order to make the student more thoroughly acquainted with philosophical literature.

410 (Sr.) 610 (Gr.). LITERATURE OF MODERN AND CONTEMPORARY PHILOSOPHY. 5 hours. Spring Quarter. Campus I. *Mr. Honig.*

The course will vary from year to year as intensive work is done in the writings of one or more of the philosophers of the period.

411 (Sr.) 611 (Gr.). AESTHETICS (PHILOSOPHY OF ART). 5 hours. Spring Quarter. Campus I. *Mr. Honig.*

An account of the theories of beauty and its realization by art, its essential character and value, the principals by which it may be recognized and judged, and its characteristic relation to and its effect upon the human mind.

PHYSICAL EDUCATION

(I). PHYSICAL EDUCATION FOR MEN

JUNIOR DIVISION COURSES

40. PHYSICAL EDUCATION. 5 hours. (Three hours per week for three quarters.) Fall, Winter, and Spring Quarters. Campus I. *Mr. Lampe.*

41. PHYSICAL EDUCATION. 5 hours. (Three hours per week for three quarters.) Fall, Winter, and Spring Quarters. Campus I. *Mr. Lampe.*

43. PERSONAL HYGIENE AND HEALTH. 5 hours. Spring Quarter. Campus I. *Mr. Lampe.*

44. INTRODUCTION TO PHYSICAL EDUCATION. 5 hours. (Fall Quarter. Campus I. *Mr. Frost.* (Open to both men and women).

45. METHODS OF TEACHING PHYSICAL EDUCATION. 5 hours. Spring Quarter. *Mr. Frost.*

SENIOR DIVISION COURSES

372. HISTORY AND PRINCIPLES OF PHYSICAL EDUCATION. Three recitation periods per week. Winter Quarter. 3 hours credit. Campus I. *Mrs. Soule*. (Open to both men and women).

History, trends, and current problems as a basis for understanding the modern principles of health, physical education, and recreation.

380. THEORY OF FOOTBALL COACHING. 5 hours. Fall Quarter. Campus I. *Physical Education Staff*.

381. THEORY OF BASKETBALL COACHING. 5 hours. Winter Quarter. Campus I. *Mr. Lampe*.

382. THEORY OF COACHING TRACK AND FIELD. 3 hours. Spring Quarter. Campus I. *Physical Education Staff*.

383. ADVANCED HYGIENE AND SANITATION. 5 hours. Spring Quarter. Campus I. *Mr. Lampe*.

384. PLAYGROUND MANAGEMENT AND COMMUNITY RECREATION. 3 hours. Winter Quarter. Campus I. *Mr. Frost*. (Open to both men and women).

385. ADVANCED FIRST AID AND SAFETY METHODS. 5 hours. Spring Quarter. Campus I. *Mr. Lampe*.

386. HISTORY AND PRINCIPLES OF PHYSICAL EDUCATION. 5 hours. Winter Quarter. Campus I.

387. ORGANIZATION AND ADMINISTRATION OF PHYSICAL EDUCATION. 5 hours. Fall Quarter. Campus I. *Mr. Frost* and *Mr. Lampe*.

388. ADMINISTRATION OF INTRAMURAL ATHLETICS AND GROUP ACTIVITIES. 5 hours. Fall, Winter, and Spring Quarters. Campus I. *Mr. Frost*.

389. PREVENTIVE AND CORRECTIVE PHYSICAL EDUCATION. 5 hours. Spring Quarter. Campus I. *Mr. Frost*.

(II). PHYSICAL EDUCATION FOR WOMEN

JUNIOR DIVISION COURSES

1. PHYSICAL EDUCATION. 5 hours. (Three hours per week for three quarters.) Required of all freshman women. Campus III. *Staff*.

Orientation course including fundamentals, dancing and sports. Lectures and conferences dealing with the various factors which affect the health and efficiency of the student.

2. PHYSICAL EDUCATION. 5 hours. (Three hours per week for three quarters.) Required of all sophomore women. Campuses II and III. *Staff*.

An effort is made to encourage students to experience a variety of activities so as to obtain a fundamental knowledge of as many leisure time activities as possible. Activities offered are: Fall Quarter—dancing, archery, golf, field hockey, horsemanship, soccer, swimming,

and tennis; Winter Quarter—basketball, diving, dancing, fencing, horsemanship, riflery, speedball, swimming; Spring Quarter—baseball, dancing, diving, fencing, golf, swimming, and tennis.

7. NATURE AND FUNCTION OF PLAY. 5 hours. Prerequisite: Sophomore rating. Winter Quarter. Campus III. *Miss Reynolds*.

Historical and philosophical analysis of play; a study of the nature and needs of children mentally, physically and socially in grades one through six; study, demonstration and practice in methods of teaching story plays, games of low and high organization, stunts, and self-testing activities.

18. RECREATIONAL LEADERSHIP. 3 recitation periods per week. 3 hours credit. Prerequisite: Sophomore rating. Spring Quarter. Campus III.

Activities and programs adaptable to playgrounds and community recreation. Evaluation of playground equipment and facilities. Characteristics of leadership.

19. SAFETY EDUCATION AND FIRST AID. 3 recitation periods per week. 3 hours credit. Fall Quarter. Campus III. *Miss Keaster*.

Procedures for accident prevention in physical education activities. First Aid—preparation for the Red Cross First Aid Certificates.

44. INTRODUCTION TO PHYSICAL EDUCATION. 5 hours. Fall Quarter. Campus I. *Mr. Frost*. (Open to both men and women).

SENIOR DIVISION COURSES

307. CURRICULUM IN PHYSICAL EDUCATION IN THE ELEMENTARY SCHOOL. 5 hours. Fall Quarter. Campus II. *Physical Education Staff*.

Study, demonstration and practice in activities for grades one through six including story plays, games, singing play and rhythms. Observation in Laboratory School.

311. FOLK DANCING. 3 hours. Spring Quarter. Campus II. *Miss Clague*.

Basic folk dance steps. Dances suitable to various age levels. Related studies in folkways, customs and costumes, adapted to unit study and assembly hours.

315. SWIMMING. 3 hours. Fall and Winter Quarters. Campus II. *Miss Keaster*.

Instruction and practice in the pool for beginning and intermediate swimmers.

316. SWIMMING AND DIVING. 3 hours. Winter and Spring Quarters. Campus II. *Miss Keaster*.

Instruction and practice in the pool for intermediate and advanced swimmers. Spring board diving, American Red Cross Life Saving Instruction and test for certificates.

352. CURRICULUM IN PHYSICAL EDUCATION. One recitation and two double laboratory periods per week. 3 hours credit. Fall Quarter.

Prerequisite: Elementary courses in activities. Campus II. *Miss Reynolds*.

History, technique of skills, methods of coaching and officiating, demonstration and practice in field hockey, soccer, speedball.

353. CURRICULUM IN PHYSICAL EDUCATION. 3 hours. Winter Quarter. Prerequisite: Physical Education 352, or permission of instructor. Campus II. *Miss Clague*.

History, techniques of skills, methods of coaching and officiating, demonstration and practice in basketball, volley ball, and recreational activities. Instruction and tests toward Official Basketball Ratings.

357. MODERN DANCE. 3 hours. Fall and Winter Quarters. Campus II. *Miss Priest*.

Dance technique, movement analysis, individual and group experimentation with movement leading to elementary forms of dance composition. Lecture periods on philosophy, history and personages of the modern dance.

358. MODERN DANCE. One recitation and two laboratory periods per week. 3 hours credit. Winter and Spring Quarters. Prerequisite: Physical Education 357. Campus II. *Miss Priest*.

More advanced movement techniques, and a wider variety of approaches to dance composition.

359. HISTORY OF THE DANCE. Three recitations per week. 3 hours credit. Prerequisite: Physical Education 311, 357, 358. Fall Quarter. Campus II. *Miss Priest*.

Philosophy and history of the dance, stressing its relationship to the different types of societies in each period, and its relationship to the history of the other arts, particularly music and drama.

360. KINESIOLOGY. Five lecture periods per week. 5 hours credit. Prerequisite: Zoology 309 and 367. Winter Quarter. Campus II. *Miss Reynolds*.

A scientific study of joint and muscular mechanisms and their relation to bodily movement; analysis of representative physical education activities and corrective exercises.

361. CORRECTIVE PHYSICAL EDUCATION. Five class periods per week. 5 hours credit. Prerequisite: Physical Education 360. Spring Quarter. Campus II. *Miss Reynolds*.

Study of types, causes, and treatment of faulty anterior—posterior and lateral deviations and abnormal foot conditions. Analysis of exercises for prevention or correction of defects. Technique of physical examinations. Organization and administration of corrective physical education. Massage. Visit to Warm Springs, Georgia.

370. PERSONAL AND COMMUNITY HYGIENE. Three recitations per week. 3 hours credit. Fall Quarter. Campus II. *Mrs. Soule*.

Personal hygiene applied; group and community hygiene; consideration of current problems and health values.

371. CURRICULUM IN HEALTH EDUCATION. Three periods per week. 3 hours credit. Winter Quarter. Prerequisite: Physical Education 370. Campus II. *Mrs. Soule and Staff.*

Principles underlying the school health program. Discussions and procedures concerning health instruction, health service and healthful living in an integrated school program.

366 a. CURRICULUM IN PHYSICAL EDUCATION. 3 hours. Winter Quarter. Campus II. *Physical Education Staff.*

Methods and materials in activities for high school girls.

366 b. CURRICULUM IN PHYSICAL EDUCATION. One lecture and two double laboratory periods per week. 3 hours credit. Prerequisite: Physical Education 357, 358 or special permission. Fall Quarter. Campus II. *Physical Education Staff.*

Principles and objectives for the dance in education; construction of units and courses; collection of materials and adaptation according to age level; principles of progression; analysis of teaching use of music in relation to the dance; bibliography.

368. ORGANIZATION AND ADMINISTRATION OF ATHLETIC PROGRAMS FOR GIRLS OF THE SECONDARY SCHOOL AGE. Three recitation periods per week. 3 hours credit. Spring Quarter. Prerequisite: Physical Education 352-353. Campus II. *Mrs. Soule and Staff.*

Consideration of the organization of athletics for high school girls; methods of conducting intramural programs, and girls' athletic associations; discussions of modern policies and trends in girls' activities.

372. HISTORY AND PRINCIPLES OF PHYSICAL EDUCATION. Three recitation periods per week. 3 hours credit. Winter Quarter. Campus I. *Mrs. Soule.* (Open to both men and women).

History, trends, and current problems as a basis for understanding the modern principles of health, physical education, and recreation.

376. ORGANIZATION AND ADMINISTRATION OF HEALTH AND PHYSICAL EDUCATION. Five recitation periods per week. 5 hours credit. Prerequisite: Physical Education 372. Spring Quarter. Campus II. *Mrs. Soule and Staff.*

Consideration of the health and physical education problems and policies in elementary and secondary schools; study of procedures and methods of administration of both plant and program; field trips.

381. CURRICULUM IN PHYSICAL EDUCATION. Three recitation and two double laboratory periods per week. 5 hours credit. Prerequisite: Physical Education 352-353. Spring Quarter. Campus II. *Physical Education Staff.*

Use of taste and measurements in physical education. History, technique of skills, methods of coaching and officiating, demonstration and practice in swimming, tennis, and archery.

326-327-328. SUPERVISED TEACHING IN PHYSICAL EDUCATION. Three double periods per week. Fall, Winter, and Spring Quarters. 3 hours credit. Campuses I and III. *Staff.*

Observation and supervised teaching in demonstration school, public schools, and in freshman and sophomore service courses.

384. PLAYGROUND MANAGEMENT AND COMMUNITY RECREATION. 3 hours. Winter Quarter. Campus I. *Mr. Frost*. (Open to both men and women).

HORSEBACK RIDING. 3 hours per week. Offered each quarter. Campus II. (Non-credit). Fee of \$5.00 per quarter.

Includes saddling, the aides, gaits, change of direction, suppling exercises, riding without stirrups, jumping and cross-country riding. Written permission from parents or guardian. Physician's certificate required.

PHYSICS AND ASTRONOMY

JUNIOR DIVISION COURSES

PHYSICAL SCIENCE 1-2. The Department of Physics and Astronomy cooperates with the Departments of Chemistry, Geology, and Geography in the giving of these courses. As a general rule, the Department of Physics and Astronomy gives the first course and the Departments of Chemistry, Geology, and Geography give the second course.

20. PHYSICS SURVEY. 5 hours. Four class and one laboratory period. Laboratory fee \$2.50. Fall, Winter, and Spring Quarters; Campus I. Winter and Spring Quarters; Campus III. Not open to students who have credit for Physical Science. *Mr. Dixon, Mr. Snyder, Mr. Henry, and Mr. Beckerley*.

An elementary survey of the development of physics, with a study of some of the simpler applications of physics. The laboratory work will be devoted to measurements designed to give an introduction in laboratory methods.

25. GENERAL PHYSICS—MECHANICS, HEAT, AND SOUND. 5 hours. Four class and one laboratory period. Laboratory fee \$2.50. Prerequisite: Physical Science I or Physics 20, or one unit in high school physics validated by an examination given by the Physics Department. Fall and Winter Quarters. Campus I. *Mr. Dixon, Mr. Snyder, Mr. Henry, and Mr. Beckerley*.

The first half of a two-course sequence in general college physics.

26. GENERAL PHYSICS—ELECTRICITY AND LIGHT. 5 hours. Three class and two laboratory periods. Laboratory fee \$2.50. Prerequisite: Physics 25, or by special permission, Physical Science I or Physics 20 or one unit in high school physics validated by an examination given by the Physics Department. Winter and Spring Quarters. Campus I. *Mr. Dixon, Mr. Snyder, Mr. Henry, and Mr. Beckerley*.

The second half of a two-course sequence in general college physics.

27. GENERAL COLLEGE PHYSICS—MECHANICS. 5 hours. Four class and one laboratory period. Laboratory fee \$2.50. Prerequisite:

Physics 20 or its equivalent. Fall Quarter. Campus I. *Mr. Dixon, Mr. Snyder, Mr. Henry, and Mr. Beckerley.*

The first third of a three-course sequence in general college physics. This course is designed primarily for engineering students and all other students who are planning to major in physics or to take three courses beyond Physics 20.

28. GENERAL COLLEGE PHYSICS—HEAT, LIGHT, AND SOUND. 5 hours. Four class and one laboratory period. Laboratory fee \$2.50. Prerequisite: Physics 20 or its equivalent, and it is recommended that Physics 27 precede this course. Winter Quarter. Campus I. *Mr. Dixon, Mr. Snyder, Mr. Henry, and Mr. Beckerley.*

The second third of a three-course sequence in general college physics.

29. GENERAL COLLEGE PHYSICS—ELECTRICITY AND MAGNETISM. 5 hours. Four class and one laboratory period. Laboratory fee \$2.50. Prerequisite: Physics 20 or its equivalent and it is recommended that Physics 27 and 28 precede this course. Spring Quarter. Campus I. *Mr. Dixon, Mr. Snyder, Mr. Henry, and Mr. Beckerley.*

The third third of a three-course sequence in general college physics.

SENIOR DIVISION COURSES

331. MECHANICS. 5 hours. Four class and one laboratory periods. Fee \$2.50. Prerequisite: Mathematics 3 and Physics 25. Fall Quarter. Campus I. *Mr. Henry.*

An intermediate course in technical mechanics for those who desire a thorough quantitative foundation. This course includes linear and plane kinematics of a mass point, statics of a particle, linear and plane dynamics, work and energy, special dynamics of a mass point, dynamics of a system of particles, statics of rigid bodies, and plane and special rigid body motions.

332. EXPERIMENTAL ELECTRICITY. 5 hours. Three class and two laboratory periods. Fee \$2.50. Prerequisite: Physics 26. Fall and Winter Quarters. Campus I. *Mr. Dixon.*

A course of intermediate grade in electricity, electrical measurements, and electromagnetic waves (radio). When one has satisfactorily completed this course, he will have a good foundation for work in radio or in general electrical engineering. No calculus is required.

333. SOUND AND LIGHT. 5 hours. Three class and two laboratory periods. Fee \$2.50. Prerequisite: Physics 26. Winter Quarter. Campus I. *Mr. Snyder.*

An intermediate course stressing experimental work on reflection, refraction, interference, diffraction, and polarization of light with some experiments on wave motion. It includes also an introduction to the quantum theory of light and some experiments on spectroscopy. No calculus is required.

334. HEAT AND KINETIC THEORY OF GASES. 5 hours. Four class and one laboratory periods. Fee \$2.50. Prerequisite: Physics 25. Spring Quarter. Campus I. *Mr. Snyder.*

An intermediate course in heat and kinetic theory, with emphasis on quantitative experiments of the well-known heat relations, such as specific heat, heat of combustion, mechanical equivalent of heat, and thermal conductivity.

370. PRINCIPLES OF PHOTOGRAPHY. 5 hours. Two class and three laboratory periods. (The two class periods will be given by the School of Journalism and the three laboratory periods will be given by the Physics Department). Laboratory fee \$2.50. Breakage deposit \$5.00. Prerequisite: Physical Science 1, Physics 20 or its equivalent. Spring Quarter. Campus I. *Mr. Snyder* and *Mr. Kempton.*

An elementary approach to the problems of cameras, exposures, developing, contact printing, enlargements, and some introduction to color photography; also a study of the photographic requirements of newspapers and magazines.

391. DESCRIPTIVE ASTRONOMY. 5 hours. Four class and one double laboratory, or observing, periods. Laboratory fee \$2.50. Prerequisite: Mathematics 20 (or its equivalent) and Physical Science 1 or Physics 20. Spring Quarter. Campus I. *Mr. Dixon.*

The laboratory and observing work of this course includes a series of star maps, observations with a three inch equatorial telescope, and measurements of latitude and longitude with a sextant.

SENIOR DIVISION OR GRADUATE COURSES

404 (Sr.) 604 (Gr.). THEORETICAL MECHANICS. 5 hours. Prerequisite: Physics 331 and Mathematics 355 (Differential and Integral Calculus.) Offered any quarter upon the request of three qualified students. Campus I. *Mr. Hendren.*

The material presented includes advanced fundamental concepts, rectilinear motion of a particle, curvilinear motion in a plane, particle dynamics from the point of view of energy, statics of a particle, statics of a rigid body, and the dynamics of a rigid body. An attempt is made to emphasize the fundamental importance of mechanical principles in their application to all the fields of physics.

405 (Sr.) 605 (Gr.) THEORETICAL MECHANICS. 5 hours. Prerequisite: Physics 404 or 604. Offered any quarter upon the request of three qualified students. Campus I. *Mr. Hendren.*

Constrained motion, oscillations, motion of aggregates of particles, deformable bodies and wave motion, and the mechanics of fluids.

471 (Sr.) 671 (Gr.). ADVANCED ELECTRICITY AND MAGNETISM. 5 hours. Four class and one laboratory periods. Laboratory fee \$2.50. Prerequisite: Physics 332 and Mathematics 3. Winter Quarter. Campus I. *Mr. Dixon.*

This is a course designed to give the student an introduction to

the science of electricity and magnetism in its theoretical and experimental aspects.

472 (Sr.) 672 (Gr.). **ATOMIC STRUCTURE.** 5 hours. Four class and one laboratory periods. Laboratory fee \$2.50. Prerequisite: Physics 471 or 671 and Mathematics 355 as a parallel course if not previously taken. Spring Quarter. Campus I. *Mr. Hendren and Mr. Dixon.*

This course is designed to introduce the student to the structure of atoms as it has been inferred from a study of experimental data on natural radioactivity, induced radioactivity, electromagnetic, radiations, and ionization.

481 (Sr.) 681 (Gr.). **ADVANCED LIGHT.** 5 hours. Four class and one laboratory periods. Fee \$2.50. Prerequisite: Physics 333 and Mathematics 355. Fall Quarter. Campus I. *Mr. Snyder.*

This is an advanced development of the wave theory of light, with an introduction to the Old Quantum Theory and the New Wave Mechanics as applied to spectral analysis. The main emphasis of this course is on spectroscopy studying the experimental and theoretical results in this field. Project work in experimental spectroscopy is included.

PLANT PATHOLOGY AND PLANT BREEDING

SENIOR DIVISION COURSES

353. **ELEMENTARY PLANT PATHOLOGY.** 5 hours. Three lecture and two double laboratory periods. Laboratory fee \$2.50. Prerequisite: Botany 1-2. Fall or Spring Quarter. Campus II. *Mr. Miller or Mr. Thompson.*

A general introduction to the diseases of plants. Twenty types will be studied in field and laboratory.

354. **FOREST PATHOLOGY.** 5 hours. Three lecture and two double laboratory periods. Laboratory fee \$2.50. Prerequisite: Botany 1-2. Fall, Winter, or Spring Quarter. Campus II. *Mr. Thompson.*

This course will be similar to 353, but will differ in the use of types causing death or decay of trees. Methods of control suitable to both forest and city conditions will be studied.

356. **DISEASES OF FIELD CROPS.** 5 hours. Three lectures and two double laboratory periods. Laboratory fee \$2.50. Prerequisite: Botany 1-2 and Plant Pathology 353. Winter Quarter. Campus II. *Mr. Miller.* (Given when demand warrants).

A course designed to meet the needs of students in Plant Pathology and Agronomy.

357. **DISEASES OF HORTICULTURAL CROPS.** 5 hours. Three lecture and two double laboratory periods. Laboratory fee \$2.50. Prerequisite: Plant Pathology 353. Fall Quarter. Campus II. *Mr. Miller.* (Given when demand warrants).

A study of the more important diseases of fruits, vegetables, and ornamentals.

358. PRINCIPLES OF BREEDING. 5 hours. Prerequisite: Botany 1-2 or Zoology 21-22. Fall or Winter Quarter. Campus II. *Mr. Miller*.

An introductory course in agricultural genetics designed to acquaint the student with principles of heredity and variation and their application to breeding.

SENIOR DIVISION OR GRADUATE COURSES

401 (Sr.) 601 (Gr.). PLANT GENETICS. 5 hours. Three lecture and two double laboratory periods. Prerequisite: Plant Pathology 358. Spring Quarter. Campus II. *Mr. Miller*.

Advanced studies in inheritance of plants, including the genetics of sterility and disease resistance, and principles of plant improvement.

420-421 (Sr.) 620-621 (Gr.). ADVANCED PLANT PATHOLOGY. 5 hours each. Three lecture and two double laboratory periods. Double course. Laboratory fee \$2.50 each quarter. Prerequisite: Plant Pathology 353 and 358. Fall and Winter Quarters. Campus II. *Mr. Miller* and *Mr. Thompson*.

A study of the fungi that cause plant disease, including isolation, technique of cultural methods and infection. Designed especially for students majoring in Plant Pathology.

GRADUATE COURSES

800-801. RESEARCH IN PLANT PATHOLOGY. Prerequisite: Plant Pathology 353, 420, 421. Campus II. *Mr. Miller*.

This course involves the prosecution of a problem in plant disease with parallel reading and conferences with the instructor.

810-811. RESEARCH IN PLANT GENETICS. Prerequisite: Plant Pathology 358, 401. Campus II. *Mr. Miller*.

This consists of a breeding problem with field studies, appropriate reading and conferences.

POULTRY HUSBANDRY

JUNIOR DIVISION COURSES

60. GENERAL POULTRY. 5 hours. Fall, Winter, and Spring Quarters. Campus II. *Mr. Bell*.

An introductory course to the field of Poultry Husbandry, including the study of the industry and different phases of management.

SENIOR DIVISION COURSES

361. UTILITY JUDGING AND MANAGEMENT OF LAYERS. 5 hours. Fall Quarter. Campus II. *Mr. Bell*.

Study of utility judging and management of the laying hen.

362. POULTRY BREEDING, INCUBATION AND BROODING. 5 hours. Winter Quarter. Campus II. *Poultry Husbandry Staff*.

The principles and practices of poultry breeding, incubation, and brooding.

363. POULTRY FEEDING AND MARKETING. 5 hours. Spring Quarter. Prerequisite: Poultry Husbandry 60. *Mr. Bell*.

Study of poultry feedstuffs and development of rations and methods of feeding. Processing of poultry products and practices of marketing.

364. POULTRY MANAGEMENT. 5 hours. Winter and Spring Quarters. Prerequisite: Poultry 60, 362, 363. *Poultry Husbandry Staff*.

Offered only to students majoring in Poultry Husbandry. A study of common diseases and parasites of poultry. Analyzing farm management practices, including a study of hatchery management.

365. SEMINAR AND PROJECT. 5 hours. Fall, Winter, and Spring Quarters. Prerequisite: Poultry 60, 362, and 363. Campus II. *Poultry Husbandry Staff*.

The student is permitted to select his field of endeavor and is assigned a definite project which he must carry through to completion. A thesis is required.

GRADUATE COURSES

801-802-803-804. RESEARCH IN POULTRY HUSBANDRY. 20 hours. Offered as a minor or double minor. Fall, Winter, and Spring Quarters. Campus II. *Poultry Husbandry Staff*.

Research problems are developed to fit the individual needs and are dependent upon materials that can be used.

805. THESIS. 5 hours. Fall, Winter, and Spring Quarters. Prerequisite: Poultry Husbandry 801, 802, 803, and 804. Campus II. *Poultry Husbandry Staff*.

PSYCHOLOGY

All courses in the Psychology Department are in the Biological Science Division except Psychology 1 and Psychology 372 which are in the Social Science Division.

JUNIOR DIVISION COURSES

1. ELEMENTARY PSYCHOLOGY. 5 hours. Fall, Winter, and Spring Quarters. This course is prerequisite to all other courses in psychology. Campuses I and III. *Mr. Edwards, Miss Young, and Miss Zeigler*.

A beginning course in psychology, given without laboratory experiments. It includes the fundamental facts and laws of psychology and indicates something of the various problems and fields of psychology, its relation to other fields, and some of the more important applications of psychology.

SENIOR DIVISION COURSES

322. EXPERIMENTAL PSYCHOLOGY. 5 hours. Three or four periods per week for discussion, demonstration, and lecture, and two double laboratory periods. Fee \$2.50. Prerequisite: Psychology 1. Fall, Winter, and Spring Quarters. Campus I. *Mr. Edwards* and *Miss Young*.

Typical and fundamental experiments in psychology for the purpose of giving the student first hand acquaintance with facts and laws of psychology and to offer training in scientific thinking.

323. ABNORMAL PSYCHOLOGY. 5 hours. Prerequisite: Psychology 1. Fall and Spring Quarters. Campus I. *Mr. Edwards* and *Miss Young*.

The study of abnormal manifestations and problems of mental disease, together with some of the methods of psychological and psychiatric examination. The course deals with problems of normality, variability, individual differences, and human adjustments. It is planned especially for students who are going into social, educational, clinical, and remedial work, emphasis being placed upon mental hygiene in all phases of the course.

358. THE PSYCHOLOGY OF ADJUSTMENT. 5 hours. Winter Quarter. Campus I. *Mr. Edwards*.

A course in mental hygiene; application to personal adjustments, solutions of conflicts, fears, personality difficulties; development of character and personality.

371. APPLIED PSYCHOLOGY. 5 hours. Prerequisite: Psychology 1. Fall Quarter. Campus I. *Miss Zeigler*.

372. PSYCHOLOGICAL PROBLEMS. 5 hours. Prerequisite: Psychology 1. Winter Quarter. Campus I. *Miss Zeigler*.

This course provides for a systematic treatment, largely from a theoretical point of view, of some problem or problems of psychology, such as types of psychology, character and personality, intelligence, instinct, habit, sleep and dreams, hypnotism, human variability.

373. SOCIAL PSYCHOLOGY. 5 hours. Prerequisite: Psychology 1. Spring Quarter. Campus I. *Miss Zeigler*.

The social aspects of psychology; problems of social stimulation, organization, tradition, custom, motive, suggestion, attitude, etc., as they relate to group action and social improvement.

374. GENETIC PSYCHOLOGY. 5 hours. Prerequisite: Psychology 1. Winter Quarter. Campus I. *Miss Zeigler*.

The evolution of structure and of behavior; the period of ontogenetic development, in so far as scientific data are available; the problems of maturity and senescence as integral parts of the life cycle are given careful study.

SENIOR DIVISION OR GRADUATE COURSES

400-401 (Sr.) 600-601 (Gr.). SYSTEMATIC PSYCHOLOGY. 5 or 10 hours. Prerequisite: For minor, one year of psychology and evidence of

ability to do the work of the course; for part of major, four courses of psychology. *Mr. Edwards.*

An advanced course in systematic and experimental psychology intended as a detailed study in theoretical discussions and investigations of special topics. Critical study of one systematic treatise and experimental work on special topics.

410-411 (Sr.) 610-611 (Gr.) SPECIAL PROBLEMS. 5 or 10 hours. 1 hour discussion, 8 hours laboratory. Fee \$2.50. Prerequisite: For minor, one year of psychology, and evidence of ability to do the work of the course; for part of a major, four courses of psychology. *Mr. Edwards.*

Critical study of special problems in psychology, both experimental and theoretical, such as types of psychology, association and memory, attention and feeling, behavior and psychological examining and diagnosis. A special topic or experiment will be assigned each student for careful investigation.

412-413 (Sr.) 612-613 (Gr.). CLINICAL PROBLEMS. 5 or 10 hours. 1 hour discussion, 8 hours laboratory and clinical work. Fee \$2.50. Prerequisite: For minor, one year of psychology and evidence of ability to do the work of the course; for part of major four, courses of psychology. *Mr. Edwards.*

Clinical studies of cases, including the use of experimental methods, clinical diagnosis and special tests with critical study of a problem or of problems specially selected for each student.

461 (Sr.) 661 (Gr.). ADVANCED EXPERIMENTAL PSYCHOLOGY. 5 hours. 1 hour discussion, 8 hours laboratory and clinical work. Science group. Fee \$2.50. Prerequisite: Psychology 1 and 22. Fall Quarter. *Mr. Edwards and Miss Young.*

Emphasis is placed upon experimental technique and methods of experimental work. Specially adapted for the student who desires to learn scientific method and for the student who is going on in psychology.

462 (Sr.) 662 (Gr.). CLINICAL PSYCHOLOGY. 1 hour discussion, 4 hours clinical work. Fee \$2.50. Prerequisite: 1 and 323. Winter Quarter. *Mr. Edwards and Miss Young.*

Deals with problems of the normal, abnormal, maladjustments, delinquency, mental disease, methods of clinical examination, diagnosis, prognosis, and treatment, and will be related especially to the work of The University of Georgia Clinic.

463 (Sr.) 663 (Gr.). CLINICAL PSYCHOLOGY. 5 hours. 2 or 3 hours advanced discussions and 4 or 5 hours clinical examining and case work. A continuation of Psychology 462-662. Fee \$2.50. Prerequisite: The same as for 462, and preferably also Psychology 462. Spring Quarter. Campus I.

NOTE: Only part of the above courses are offered during a given year or summer session. It is planned to give those which best fit

the needs of the students. Normally one graduate course is offered per quarter.

490 (Sr.) 690 (Gr.). DEVELOPMENT OF THE YOUNG CHILD. 5 hours. Three lecture periods per week and four hours of laboratory work in the Nursery School. Prerequisite: Consent of the instructor. Fall and Spring Quarters. Campus II. *Miss Young*.

A study of the physical, mental, emotional, and social development of the preschool child, the environmental factors influencing the development of the young child with emphasis upon techniques of guidance. Planned to meet requirements for teachers of home economics in high schools; desirable also for teachers of elementary grades.

ROMANCE LANGUAGES

FRENCH

JUNIOR DIVISION COURSES

101. ELEMENTARY FRENCH. 5 hours. Credited only as first half of a double course. Fall and Winter Quarters. Campuses I and III. *Miss Brumby, Miss Hall, Miss Strahan, Mr. Chance, and Mr. Thaxton*.

Elementary grammar, pronunciation, dictation, and reading. See French 102.

102. INTERMEDIATE FRENCH. 5 hours. French 101-102 form double course. Prerequisite: French 101 or its equivalent. Winter and Spring Quarters. Campuses I and III. *Miss Brumby, Miss Hall, Miss Strahan, Mr. Chance, and Mr. Thaxton*.

Intermediate grammar and composition, conversation, reading, and translation. (Students offering two units in French for entrance will enter French 103).

103. GRAMMAR REVIEW. 5 hours. Prerequisite: French 101-102 or two entrance units in French. Fall, Winter, and Spring Quarters. Campuses I and III. *Mr. Chance, Mr. Thaxton, Miss Brumby, Miss Hall, and Miss Strahan*.

Reading of about 600 pages from standard authors. A study of grammatical difficulties and idioms.

104. FRENCH GRAMMAR AND COMPOSITION. 5 hours. Prerequisite: French 103 or its equivalent. Winter and Spring Quarters. Campuses I and III. *Mr. Chance, Mr. Thaxton, Miss Brumby, Miss Hall, and Miss Strahan*.

Reading. Advanced grammar. Oral and written composition. Conversation.

SENIOR DIVISION COURSES

305. INTRODUCTORY SURVEY OF FRENCH LITERATURE. 5 hours. Prerequisite: French 104. Fall and Spring Quarters. Campuses I and III. *Mr. Chance, Miss Brumby, and Miss Strahan*.

Introduction to French literature through texts and lectures. Reading of about 1,000 pages from eight centuries of French literature.

456 (656). ADVANCED FRENCH SYNTAX AND COMPOSITION. 5 hours. Prerequisite: French 305. Winter Quarter. Campuses I and III. *Mr. Chance* and *Miss Brumby*.

357. FRENCH PHONETICS. 5 hours. Prerequisite: French 305. Spring Quarter. Campus I. *Mr. Thaxton*.

The organs of speech, the differences in production of French and English speech sounds, and the various speech phenomena such as assimilation, linking, and the length of vowel sounds. Practice in phonetic transcription and pronunciation.

358. HISTORICAL FRENCH GRAMMAR AND THE STUDY OF FRENCH WORDS OF ROMANCE ORIGIN. 5 hours. Prerequisite: French 305. Spring Quarter. Campus I. *Mr. Chance* and *Mr. Thaxton*.

SENIOR DIVISION OR GRADUATE COURSES

(Students desiring graduate credit in any of the following courses must offer as a prerequisite French 305 and one additional advanced course unless other specific prerequisites are listed).

460 (Sr.) 660 (Gr.). SURVEY OF FRENCH LITERATURE OF THE 17TH CENTURY. 5 hours. Prerequisite: French 305. Fall Quarter. Campus I. *Mr. Thaxton*.

Selections will be read from the best writers of the Golden Age, with special emphasis on the selected plays of Corneille, Molière, and Racine.

461 (Sr.) 661 (Gr.). SURVEY OF FRENCH LITERATURE OF THE 18TH CENTURY. 5 hours. Prerequisite: French 305. Winter Quarter. Campus I. *Mr. Chance* and *Miss Hall*.

Selections will be read from Voltaire, Rousseau, Montesquieu, Marivaux, Lesage, Buffon, Diderot, Prevost, Bernardin de Saint Pierre, and André Chénier.

462 (Sr.) 662 (Gr.). SURVEY OF FRENCH LITERATURE FROM BEGINNING OF THE 19TH CENTURY TO THE PRESENT TIME. 5 hours. Prerequisite: French 305. Spring Quarter. Campus I. *Mr. Chance* and *Miss Hall*.

A study of the tendencies of the period. Special attention will be given to Realism and Naturalism.

400-401 (Sr.) 600-601 (Gr.). THE NOVEL IN FRANCE IN THE SECOND HALF OF THE 19TH CENTURY. 10 hours. Prerequisite: French 305 and at least two advanced courses. Campus I. *Mr. Chance*.

402 (Sr.) 602 (Gr.). MOLIERE AND HIS THEATER. 5 hours. Prerequisite: French 305. Campus I. *Mr. Thaxton*. (Not offered in 1940-41).

403 (Sr.) 603 (Gr.). CORNEILLE AND RACINE: CLASSICAL TRAGEDY. 5 hours. Prerequisite: French 305 and one other advanced course. Campus I. *Mr. Thaxton*.

406 (Sr.) 606 (Gr.). INTRODUCTION TO OLD FRENCH. 5 hours. Prerequisites: French 305 and two years of Latin. Campus I. *Mr. Thaxton*.

A study of Phonology and Morphology, followed by the reading of the Chanson de Roland.

407 (Sr.) 607 (Gr.). A SURVEY OF FRENCH LITERATURE OF THE MIDDLE AGES. 5 hours. Prerequisites: French 305 and 406 (Sr.). Campus I. *Mr. Thaxton*.

408 (Sr.) 608 (Gr.). THE PROSE WRITERS OF THE 16TH CENTURY. 5 hours. Prerequisite: French 305. (Not offered in 1940-41.)

409 (Sr.) 609 (Gr.). THE POETS OF THE 16TH CENTURY. 5 hours. Prerequisite: French 305. (Not offered in 1940-41.)

410 (Sr.) 610 (Gr.). FRENCH DRAMA OF THE 19TH CENTURY. 5 hours. Prerequisite: French 305. Campus I. *Mr. Thaxton* and *Miss Hall*. (Not offered in 1940-41.)

411 (Sr.) 611 (Gr.). ROMANTIC MOVEMENT IN FRANCE. 5 hours. Prerequisite: French 305. Campus I. *Miss Brumby*.

412 (Sr.) 612 (Gr.). FRENCH DRAMATIC LITERATURE OF THE 20TH CENTURY. 5 hours. Prerequisites: French 305 and one other advanced course. Campus I. *Mr. Thaxton* and *Miss Hall*.

456 (Sr.) 656 (Gr.). ADVANCED FRENCH SYNTAX AND COMPOSITION. 5 hours. Prerequisite: French 305. Campus I. *Mr. Chance*, *Miss Brumby*, and *Miss Strahan*.

800 (Gr.). THESIS: AN INTRODUCTION TO THE METHODS OF LITERARY HISTORY FOLLOWED BY THE PREPARATION OF THE THESIS. Campus I. *Staff*.

ITALIAN

301. ELEMENTARY ITALIAN. 5 hours. Fall Quarter. Campus I. *Mr. Cohn*.

Elementary grammar, pronunciation, dictation, and reading.

302. INTERMEDIATE ITALIAN. 5 hours. Prerequisite: Italian 301. Winter Quarter. Campus I. *Mr. Cohn*.

Intermediate grammar, composition, conversation, reading, and translation.

303. REVIEW OF ITALIAN GRAMMAR. 5 hours. Prerequisite: Italian 301 and 302. Spring Quarter. Campus I. *Mr. Cohn*.

Advanced grammar and idioms, composition, conversation, translation, and reading from standard authors.

SPANISH

101. ELEMENTARY SPANISH. 5 hours. Credited only as first half of a double course. Fall Quarter. Campuses I and III. *Mr. Chance, Mr. Thaxton, Miss Strahan, and Miss Hall.*

Elementary grammar, pronunciation, dictation, and reading. See Spanish 102.

102. ELEMENTARY SPANISH CONTINUED. 5 hours. Spanish 101 and 102 form double course. Prerequisite: Spanish 101 or its equivalent. Winter Quarter. Campuses I and III. *Mr. Chance, Mr. Thaxton, Miss Strahan, and Miss Hall.*

Grammar, composition, conversation, reading and translation. (Students offering two units in Spanish for entrance will enter Spanish 103).

103. GRAMMAR REVIEW. 5 hours. Prerequisite: Spanish 101 and 102 or two entrance units in Spanish. Fall and Spring Quarters. Campuses I and III. *Mr. Chance, Mr. Thaxton, Miss Strahan, and Miss Hall.*

Reading of about 600 pages from standard authors. A study of grammatical difficulties, and idioms, drill on radical and orthographical changing verbs and irregular verbs.

104. SPANISH GRAMMAR AND COMPOSITION. 5 hours. Prerequisite: Spanish 103 or its equivalent. Winter Quarter. Campuses I and III. *Mr. Chance, Mr. Thaxton, Miss Strahan, and Miss Hall.*

Reading. Advanced grammar. Oral and written composition. Conversation.

305. INTRODUCTORY SURVEY OF SPANISH LITERATURE. 5 hours. Prerequisite: Spanish 104. Spring Quarter. Campus I. *Mr. Chance, Mr. Thaxton, Miss Strahan, and Miss Hall.*

Introduction to the literature of Spain and Spanish America.

SCIENCE SURVEYS

1-2. HUMAN BIOLOGY. Double course. 10 hours. (Five hours per quarter.) Fall and Winter, and Winter and Spring Quarters. Campuses I and III. *Mr. Byrd, Mr. Nuttycombe, Mr. Lee, and Miss Dunn.*

The aim of this course is to give the student some acquaintance with vital phenomena in general and their application to the human organisms. The first half of the course will deal particularly with the problems of the individual. Its subject matter will include an introduction to the fundamental facts of biology, human anatomy, and physiology, and the maintenance of health in the individual. The second half will deal with problems of the racial life of man. In this phase of the course will be included studies of public health problems, reproductions, genetics and eugenics, and racial development.

1-2. PHYSICAL SCIENCE. Double course. 10 hours. (Five hours per quarter.) Fall and Winter, and Winter and Spring Quarters. Campuses I and III. The departments of Chemistry and Physics and Astronomy cooperate in giving these courses.

The fundamental objective of this course will be to give the student an intelligent understanding of the scope of modern physical science with the emphasis upon the meaning and value of the scientific method of procedure, upon the meaning and history of the development of the great generalizations of physical science, and upon application of these generalizations in modifying practical life of the modern age. The first unit will be devoted primarily to physics and astronomy subject matter, the second unit to chemistry, geology, and geography subject matter, but there will be a considerable mingling of the four sciences to present a unified picture of the whole.

SOCIAL SCIENCE SURVEYS

1 a-b-c. SOCIAL SCIENCE SURVEY. 9 hours. (Three hours per quarter.) Fall, Winter, and Spring Quarters. Campuses I and III.

A brief study of the historical, political, economic and social factors molding modern civilization. Taught by members of the Departments of History, Sociology, and Economics.

4. CONTEMPORARY GEORGIA. 5 hours. Fall, Winter, and Spring Quarters. Campuses I and III. The departments of Economics and Sociology cooperate in giving this course.

A discussion and analysis of certain phases of Georgia's population, its characteristics and trends; its relative standing in various statistical measures of economic and social well-being; its natural resources and economic accomplishments from the standpoint of agriculture, industry, and commerce; and its governmental organization and problems.

SOCIAL WORK

For courses of instruction see the bulletin of the Graduate School.

SPEECH

JUNIOR DIVISION COURSES

8. VOICE AND DICTION. 5 hours. Fall, Winter, and Spring Quarters. Campuses I and III. Fundamental principles for control and development of the speaking voice. Laboratory fee \$1.00. *Miss Vance.*

50. ESSENTIALS OF PUBLIC SPEAKING. 5 hours. Fall, Winter, and Spring Quarters. Elementary course in preparation and delivery of speeches of various types. (Formerly Speech 1). Campus I. *Mr. Green.*

SPEECH CLINIC. Laboratory examination, diagnosis, and drill sessions for various types of defective speech. Open to all students of

the University. (Work arranged by individual appointment.) Fall, Winter, and Spring Quarters. Campus I. Laboratory fee \$1.00. *Miss Vance.*

SENIOR DIVISION COURSES

309. ENGLISH PHONETICS. 5 hours. Campus I. Fall Quarter. Prerequisite: Speech 8. Study of the International Phonetic Alphabet and characteristic English intonations with emphasis on sectional and dialectic variants. *Miss Vance.*

310. SPEECH CORRECTION. 5 hours. Spring Quarter. Campus I. Prerequisite: Speech 8. Designed to help teachers with the diagnosis and treatment of the articulatory and vocal defects common among children. Laboratory required. *Miss Vance.*

350. ARGUMENTATION. 5 hours. Fall Quarter. Campus I. Elementary principles of logic, argument, and debate. (Formerly 340.) *Mr. Green.*

386. ORAL INTERPRETATION OF NARRATIVE AND LYRIC LITERATURE. 6 hours. Campus I. Fall and Winter Quarters. (Three hours each quarter.) Basic principles necessary to enjoyable oral reading of the story and the lyric. Prerequisite: Speech 8. *Miss Vance.*

396. ORAL INTERPRETATION OF DRAMATIC LITERATURE. 6 hours. Winter and Spring Quarters. Campus I. Projects for literary analysis and oral reading are chosen from Browning, Shakespeare, Ibsen, Wilde, Barrie, Shaw, O'Neill, and Maxwell Anderson. Prerequisite: Speech 8. *Miss Vance.*

SOCIOLOGY

JUNIOR DIVISION COURSES

The Sociology Department cooperates with Economics and History Departments in offering the survey courses, Social Science 1-2 and 4.

5. INTRODUCTORY SOCIOLOGY. 5 hours. Campuses I and III. *Mr. Hutchinson and Staff.*

An introductory study of social relations and social institutions designed to give the student a general acquaintance and a concrete understanding of the social world in which he lives. This course is recommended especially to those who wish to take a major in sociology.

5 a-b. INTRODUCTORY SOCIOLOGY. 6 hours. Campus I. *Mr. Hutchinson and Staff.*

A course similar to Sociology 5.

SENIOR DIVISION COURSES

307. ELEMENTARY PRINCIPLES OF SOCIOLOGY. 5 hours. Prerequisite: Sociology 5, unless waived by department head. Open to sophomores who have credit in Sociology 5, as a Senior Division elective and to

all Senior Division students. Fall, Winter, and Spring Quarters. Campuses I and III. *Mr. Hutchinson and Staff.*

How human society and human beings have come to be what they are. This course is intended to give a general survey of the fundamental concepts, the basic principles, and the technique of study in sociology.

307 a-b. 6 hours. Fall and Winter Quarters. Campus I. *Mr. Hutchinson and Staff.* (Not offered 1940-41.)

A course similar to Sociology 307.

305. ELEMENTARY PRINCIPLES OF SOCIOLOGY. 3 hours. Prerequisite: Sociology 5 a-b. Campus I. *Mr. Hutchinson and Staff.*

This group of courses 5 a-b and 305 is essentially the same as 5 and 307 and is designed primarily for sophomores. As a prerequisite to more advanced work credit in these courses may be used in lieu of Sociology 5 and 307.

326. GEORGIA ARCHAEOLOGY. 3 hours. Fall Quarter. Campus I. *Mr. Wauchope.*

The culture of the ancient Indians of Georgia studied through archaeology and early historical narratives. Students will have opportunity to visit and take part in archaeological excavations and to see how the materials thus obtained are studied and interpreted in the archaeological laboratory at the University.

327. INTRODUCTION TO CULTURAL ANTHROPOLOGY. Man and Culture in the Making. 5 hours. Winter Quarter. Campus I. *Mr. Gittler or Mr. Wauchope.*

An introductory study of preliterate cultures and how they are linked up with the more complex cultures, past and present.

308. CONTEMPORARY SOCIAL PROBLEMS. 3 hours. (Not offered 1940-41.)

340. CONTEMPORARY SOCIAL PROBLEMS. 5 hours. Prerequisite: Approval of instructor. Winter Quarter. Campus I. (An elective credit course.) *Mr. Meadows.*

This is an introductory course designed for those who may desire to elect only one course in Sociology.

356. ELEMENTARY SOCIAL STATISTICS. 5 hours. Prerequisite: Sociology 307. Winter Quarter. Campus I. *Mr. Gittler.*

An introduction to the fundamental principles of statistical method as a technique of study in sociology. It is the intention of this course to give the student an elementary reading knowledge of statistical sociology.

360. CONTEMPORARY SOCIAL PROBLEMS. 5 hours. Prerequisite: Sociology 5 or 307. Winter Quarter. Campus I. *Mr. Fink.*

In this course the student will be expected to be able to use the concepts and principles developed in 5 or 307 in an analysis of contemporary social tendencies and conditions in the United States and the social problems to which they give rise.

361. THE FAMILY. 5 hours. Prerequisite: Approval of the instructor in charge of the course. Fall Quarter. Campus I. *Mr. Coutu.*

This course is designed primarily as an elective. It differs from 461 in that it is less technical. Credit may not be received for both courses.

SOCIOLOGY 370. INTRODUCTION TO PUBLIC WELFARE ADMINISTRATION. 5 hours. Prerequisite: Approval of instructor. Fall Quarter. Campus I. *Mr. Fink.*

A course that traces the historical development of public welfare services and considers their administration. Reference is made to the underlying problems with which present day public welfare departments deal, and special attention is paid to administration at local, state, and federal levels. Public administration as applied to welfare services is considered in its relation to administration in other fields. Discussion and readings.

381. CRIMINOLOGY AND PENOLOGY. 5 hours. Prerequisite: Sociology 5 or 307. Campus I. Spring Quarter. *Mr. Fink.*

An analysis of the nature and theories of crime, history of the treatment, a comparative study of present methods of dealing with the criminal and a critical study of the methods employed in our own State.

391. SOCIAL EVALUATIONS. 5 hours. Prerequisite: Sociology 5 or 307. Campus I.

This course is designed to acquaint the student with that phase of sociology in which either minority or majority groups are arriving at new standards of value.

SENIOR DIVISION OR GRADUATE COURSES

400 (Sr.). THE FIELD OF SOCIAL WORK. 3 hours. Prerequisite: Same as for 401. Fall Quarter. Campus I. *Mr. Fink.*

This course is designed to give the student some knowledge of the history of the development of social work and such a knowledge of what is being done at present and how it is being done as will enable him to arrive at an intelligent understanding of the part social work is playing in modern life. It is a course for the general student and an introductory course basic to technical courses in social work.

This course corresponds with a graduate course 600 in the Department of Social Work. It is desirable for this course to be taken in the senior year.

401 (Sr.) 601 (Gr.). SOCIAL PHILOSOPHY. 5 hours. Prerequisite: (a) As an elective, credit in Sociology 5 and one senior college course, (b) as part of an undergraduate major or of a graduate minor, 307 and one additional senior college course or credit in 408. (c) as part of a graduate major credit in 307 and two additional senior college courses, one of which may be in Introductory Psychology or credit in 408 and one additional course. Campus I.

This course is a comparative study of the philosophies of the leaders

who have contributed to the development of sociological theory and of the influence of their philosophy on the techniques of study and research in sociology.

408 (Sr.) 608 (Gr.). ADVANCED PRINCIPLES OF SOCIOLOGY. 5 hours. Prerequisite (a) For undergraduate credit, Sociology 5 and one senior college course. (b) For graduate credit as part of a minor, one additional course in Sociology or general psychology. (c) As part of a graduate major four courses at least two of which are of senior college rank. Fall Quarter. Campus I. *Mr. Gittler.*

This course is required of all sociology majors who have not taken Sociology 307 at The University of Georgia. It is a more advanced course than 307 and may profitably be taken by those who have credit in 307.

420 (Sr.) 620 (Gr.). INTRODUCTION TO SOCIOLOGICAL RESEARCH. 3 hours. Prerequisite: Same as for 401. Fall Quarter. Campus I. *Mr. Gittler.*

An introductory course with emphasis on the techniques of gathering sociological data. This course will be of value to a social worker, a teacher, in short to any one whose work calls for any knowledge of human relations.

421 (Sr.) 621 (Gr.). SOCIOLOGICAL RESEARCH. 3 hours. Prerequisite: Sociology 420. Spring Quarter. Campus I. *Mr. Gittler.*

A study of the theory and techniques of sociological research, their problems and limitations; an evaluation of quantitative and qualitative methods.

427 a-b (Sr.) 627 a-b (Gr.). PERSONALITY AND SOCIAL ADJUSTMENT. 6 hours. Prerequisite: Same as for 401. Winter and Spring Quarters. Campus I. *Mr. Coutu.*

A study of the genesis of personality and the mechanisms of social adjustment. This is a course in social psychology from the viewpoint of sociology which interprets living and personality development primarily as adjustment within one's culture.

428 (Sr.) 628 (Gr.). CONTEMPORARY SOCIAL TRENDS. 5 hours. (Not offered 1940-41.)

429 (Sr.) 629 (Gr.). PROBLEMS OF PERSONALITY DISORGANIZATION. 3 hours. Prerequisite: Same as for 401. Winter Quarter. Campus I. *Mr. Hutchinson.*

A study of disordered social relationships from the point of view of the social processes which bring them about—the genesis of anti-social attitudes in the individual and the social disorganization to which this may lead.

431 (Sr.) 631 (Gr.). RURAL SOCIOLOGY. 5 hours. Prerequisite: Same as for 401. Fall Quarter. Campus I. *Mr. Meadows.*

The study of rural society: Its organizations—neighborhoods, interest groups, etc.; its people and their changing characteristics; its social institutions and their growing importance.

433 (Sr.) 633 (Gr.). THEORY AND DYNAMICS OF POPULATION. 5 hours. Fall Quarter. Campus I. *Mr. Coutu.*

While the theory of population movements is given adequate consideration the emphasis of this course is on the actual dynamic aspects of population growth, population pressure, migration, urbanization, composition (age-sex-racial), variations in physical developments; problems arising from differential fertility; problems of birth rate control, and other related problems.

434 (Sr.) 634 (Gr.). PROBLEMS OF SOCIAL CONTROL. 3 hours. Prerequisite: Same as for 401. Fall Quarter. Campus I. *Mr. Hutchinson.*

A study of the factors present in a democratic society or community by which it is controlled and controls itself.

435 (Sr.) 635 (Gr.). RURAL COMMUNITY ORGANIZATION. 3 hours. Prerequisite: Same as for 401. Winter Quarter. Campus I. *Mr. Meadows.*

A study of contemporary trends in rural community organization and rural planning.

437 (Sr.) 637 (Gr.). RACE RELATIONS IN THE UNITED STATES. 5 hours. Prerequisite: Same as for 401. (Not offered 1940-41.)

A study of those races with which the American white man has come in contact and between whom social opposition has arisen. Problems of exploitation and conflict to which this has given rise. Present attempts at adjustment.

450 (Sr.) 650 (Gr.). STATISTICAL METHODS IN SOCIAL RESEARCH. 5 hours. Prerequisite: 356 and Mathematics 357. Winter Quarter. Campus I. *Mr. Gittler.*

Application of statistical methods to social research problems.

461 (Sr.) 661 (Gr.). THE FAMILY. 5 hours. Prerequisite: Same as for 401. Winter Quarter. Campus I. *Mr. Coutu.*

This course presents family study from many different angles utilizing data from the fields of anthropology, individual and social psychology, history, sociology, economics, and psychiatry.

461 a-b (Sr.) 661 a-b (Gr.). 6 hours. Prerequisite: Same as for 401. (Not offered 1940-41.)

463 (Sr.) 663 (Gr.). FAMILY DISORGANIZATION. 3 hours. Prerequisite: Same as for 401. Spring Quarter. Campus I. *Mr. Coutu.*

A study of family disorganization in its relation to larger group relations with which it is interrelated.

521 (Sr.) 621 (Gr.). THE SOCIAL PROCESS AS HUMAN PROGRESS. 5 hours. Campus I. *Mr. Hutchinson.*

Group organization as a personal form-group life in which the group is conscious of itself in relation to the goal or objective toward which it is moving. A critical analysis of the technique by which this phase of the social process may be inductively studied.

522 (Sr.) 722 (Gr.). DEVELOPMENT OF SOCIOLOGICAL THEORY FROM PLATO TO COMTE. 3 hours. Prerequisite: Same as for 401 plus one additional course. Fall Quarter. Campus I. *Mr. Hutchinson.*

523 (Sr.) 723 (Gr.). DEVELOPMENT OF SOCIOLOGICAL THEORY FROM COMTE TO END OF 19TH CENTURY. 3 hours. Prerequisite: Same as for 522. Winter Quarter. Campus I. *Mr. Hutchinson.*

524 (Sr.) 724 (Gr.). CURRENT TRENDS IN SOCIOLOGICAL THEORY. 3 hours. Prerequisite: Same as for 522. Spring Quarter. Campus I. *Mr. Hutchinson.*

525 (Sr.) 725 (Gr.). MODERN EUROPEAN SOCIOLOGY: GREAT BRITAIN, FRANCE, AND HOLLAND. 3 hours. Prerequisite: Same as for Sociology 522. Winter Quarter. Campus I. *Mr. Gittler.*

Studies of 20th century, Britain, French, and Dutch sociologists including Hobhouse, Durkheim, Maunier, Mauss, and others.

526 (Sr.) 726 (Gr.). MODERN EUROPEAN SOCIOLOGY: GERMANY, ITALY, CZECHOSLOVAKIAN AND SCANDINAVIAN COUNTRIES. 3 hours. Prerequisite: Same as for Sociology 522. Spring Quarter. Campus I. *Mr. Gittler.*

Studies of 20th century German, Italian, Czechoslovakian, and Scandinavian sociologists, including Simmel, Tonnies, Max Weber, Karl Mannheim, Pareto, Masaryk, and others.

825. SOCIOLOGICAL SEMINAR. Credit adjusted in each individual case with the Dean.

ZOOLOGY

JUNIOR DIVISION COURSES

1-2. HUMAN BIOLOGY. (See Science Surveys).

25-26. GENERAL ZOOLOGY. 10 hours. (Five hours per quarter.) Two lecture and three double laboratory periods. Laboratory fee \$2.50 per quarter. Prerequisite: Human Biology 1-2. Fall, Winter, and Spring Quarters. Campuses I and III. *Mr. Nuttycombe, Mr. Cantrell, and Assistants.*

Zoology 25 is a general survey of the invertebrate animals. Zoology 26 is a survey of the vertebrates.

SENIOR DIVISION COURSES

No student will be allowed to take as an elective a Senior Division course in zoology unless he has an average of 70 or above in all prerequisite courses.

309. HUMAN PHYSIOLOGY. 5 hours. Five lecture periods. Prerequisite: Human Biology 1-2 and Zoology 25-26. Winter Quarter. Campus I. *Mr. Cantrell.*

A lecture course dealing with the functions of organ systems of the human in health.

353. FIELD ZOOLOGY. 5 hours. Two lecture and three double laboratory periods. Laboratory fee \$2.50. Prerequisite: Zoology 25-26. Spring Quarter. Campus I. *Mr. Nuttycombe.*

In this course attention is directed mainly to locally encountered invertebrates exclusive of the insects.

354. CYTOLOGY. 5 hours. Two lecture and three double laboratory periods. Laboratory fee \$2.50. Prerequisite: Zoology 25-26. (Not offered 1940-41.)

A study of the structural elements of cells with special reference to transformations in the germ cells.

355. EMBRYOLOGY. 5 hours. Two lecture and three double laboratory periods. Laboratory fee \$2.50. Breakage fee \$2.50. Prerequisite: Zoology 25-26. Spring Quarter. Campus I. *Mr. Nuttycombe.*

An elementary course in embryology in which the chick is used to illustrate the basic principles of developmental anatomy.

356. COMPARATIVE ANATOMY OF VERTEBRATES. 5 hours. Two lecture and three double laboratory periods. Laboratory fee \$5.00. Prerequisite: Zoology 25-26. Winter Quarter. Campus I. *Mr. Waters.*

A comparison of the structure and development of organ systems in the different vertebrate groups.

357. ANIMAL HISTOLOGY. 5 hours. Two lecture and three double laboratory periods. Laboratory fee \$2.50. Breakage fee \$2.50. Prerequisite: Zoology 25-26. Fall Quarter. Campus I. *Mr. Waters.*

A comparative study of the histological structure of organ systems in representative types of vertebrate animals.

361. HISTOLOGICAL TECHNIQUE. 5 hours. Five double laboratory periods. Laboratory fee \$5.00. Open to majors in zoology only. Spring Quarter. Campus I. *Mr. Waters.*

A course offering training in the preparation of histological material, including practice in fixing, staining, sectioning, and mounting.

367. HUMAN ANATOMY. 5 hours. Two recitation and three double laboratory periods. Laboratory fee \$2.50. Prerequisite: Zoology 25-26. Fall Quarter. Campus I. *Miss Jordan.*

This course is given exclusively for majors in Physical Education for Women.

370. HEREDITY. 5 hours. Five lecture periods. Prerequisite: Zoology 25-26. Fall Quarter. Campus I. *Mr. Waters.*

A study of the laws of biological inheritance and their application to man and other animals.

371. ANIMAL EVOLUTION. 5 hours. Prerequisite: Zoology 25-26 and 355 or 356. (Not offered 1940-41.)

A study of evidence indicating the trend and the causes of evolution in plants and animals.

372. PARASITOLOGY. 5 hours. Three lecture and two double labora-

tory periods. Laboratory fee \$2.50. Prerequisite: Zoology 25-26. Fall Quarter. Campus I. *Mr. Byrd*.

This course is a general study of the protozoa and worms parasitic in man and the lower animals.

373. GENERAL ENTOMOLOGY. 5 hours. Three lecture and two double laboratory periods. Laboratory fee \$2.50. Prerequisite: Zoology 25-26. Fall Quarter. Campus I. *Mr. Lund*.

A study of the structure, biology, and classification of insects and of their general importance and significance to man.

375. FOREST ENTOMOLOGY. 5 hours. Three lecture and two double laboratory periods. Laboratory fee \$2.50. Fall, Winter, and Spring Quarters. Campus I. *Mr. Lund*.

A study of the biology, classification and control of insect species destructive to American forests.

376. MEDICAL ENTOMOLOGY. 5 hours. Three lecture and two double laboratory periods. Laboratory fee \$2.50. Prerequisite: Zoology 25-26. Fall Quarter. Campus I. *Mr. Lund*.

A study of the biology, classification and control of the species of insects of particular importance in the cause or transmission of disease.

380. MAMMALIAN ANATOMY. Two lecture and three double laboratory periods. Laboratory fee \$5.00. Prerequisite: Human Biology 1-2. Spring Quarter. Campus I. *Mr. Boyd*.

A study of the anatomy of one or more representative mammals.

SENIOR DIVISION OR GRADUATE COURSES

401 (Sr.) 601 (Gr.). ADVANCED INVERTEBRATE ZOOLOGY. 5 hours. Two lecture and three double laboratory periods. Laboratory fee \$2.50. Prerequisite: Zoology 25-26 and 353 or equivalent. Campus I. *Mr. Nuttycombe*.

A course devoted to the study of the morphology, taxonomy and relationships of invertebrates, exclusive of insects. Emphasis is placed upon the local fauna.

402 (Sr.) 602 (Gr.). ADVANCED INVERTEBRATE ZOOLOGY (Continued). 5 hours. Two lecture and three double laboratory periods. Laboratory fee \$2.50. Prerequisite: Zoology 401. Fall Quarter. *Mr. Nuttycombe*.

A continuation of Zoology 401 (601) in which intensive study is limited to problems of morphology, taxonomy and physiology of some limited group of invertebrates.

408 (Sr.) 608 (Gr.). ANIMAL PHYSIOLOGY. 5 hours. Three lecture and two double laboratory periods. Laboratory fee \$2.50. Prerequisite: Zoology 25-26. Winter Quarter. *Mr. Boyd*.

This is a comparative study of the physiology of illustrative groups of animals.

410 (Sr.) 610 (Gr.). ENDOCRINE PHYSIOLOGY. 5 hours. Three lecture and two double laboratory periods. Laboratory fee \$2.50. Prerequisite: Zoology 25-26 and Zoology 355 or 356 or 408.

A general physiology of the glands of internal secretion and their hormones.

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